

NorCal ENSO WY Graphics – All

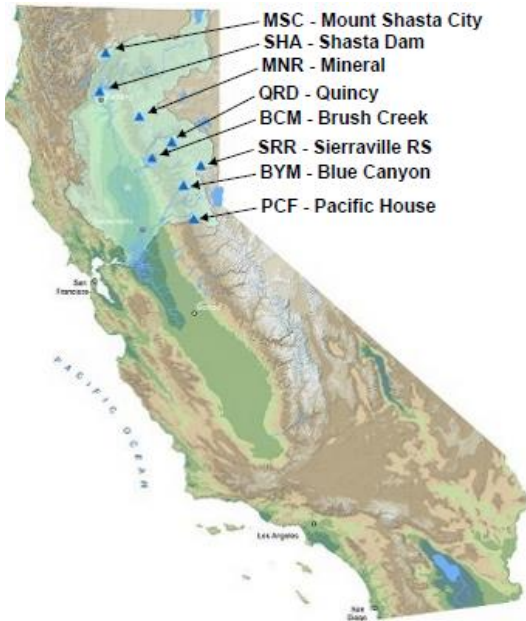
ONI v 4

- Ordered by Graph Type:
 - Annual Precipitation
 - Deviation from Normal
 - Percent of Normal
- Then by Region
 - Northern Sierra 8 Station Index
 - Central Sierra 5 Station Index
 - Southern Sierra 6 Station Index
- Summary

Updated 8/20/2015

Northern Sierra 8 Station Index

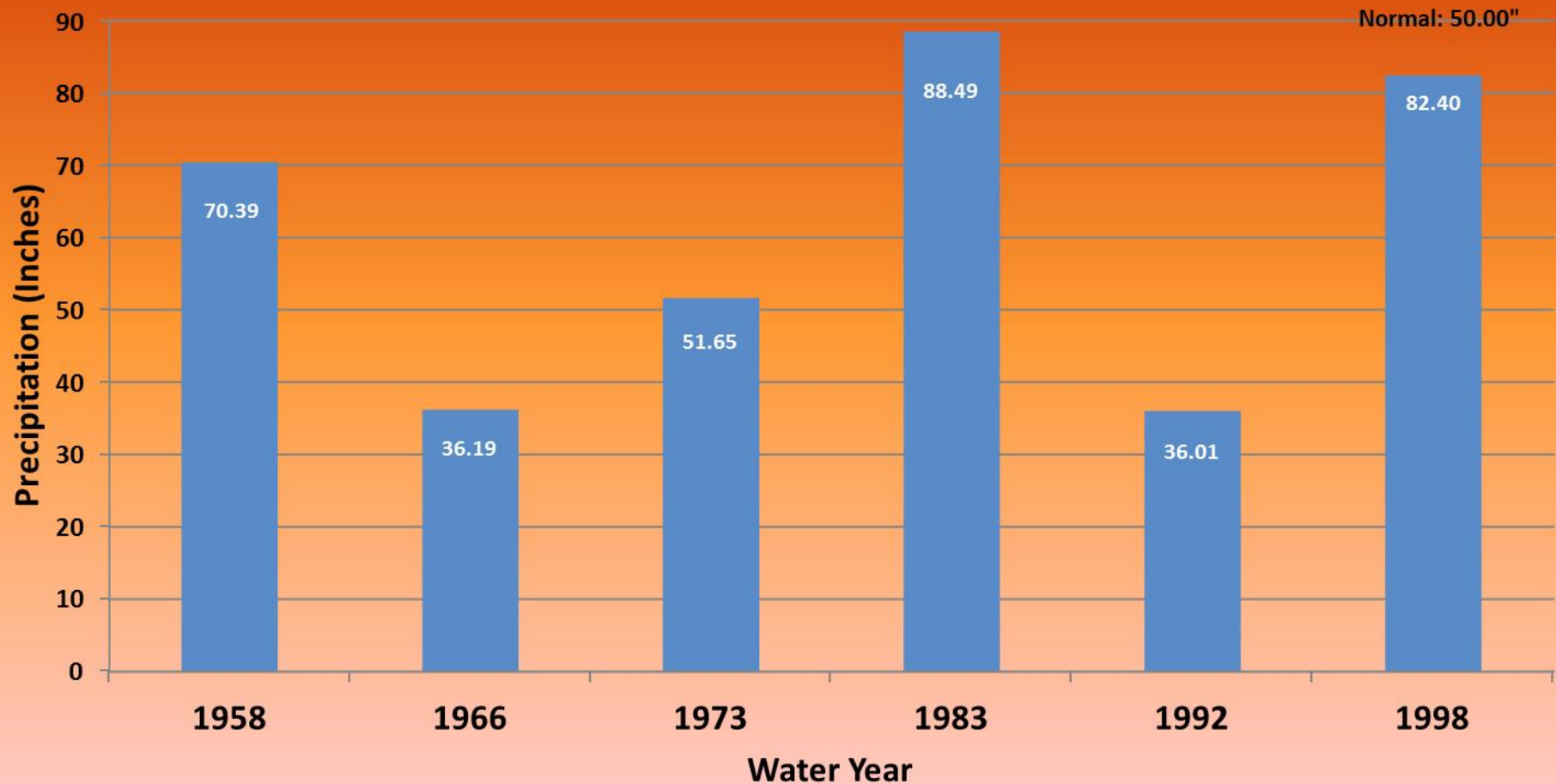
Annual Precipitation



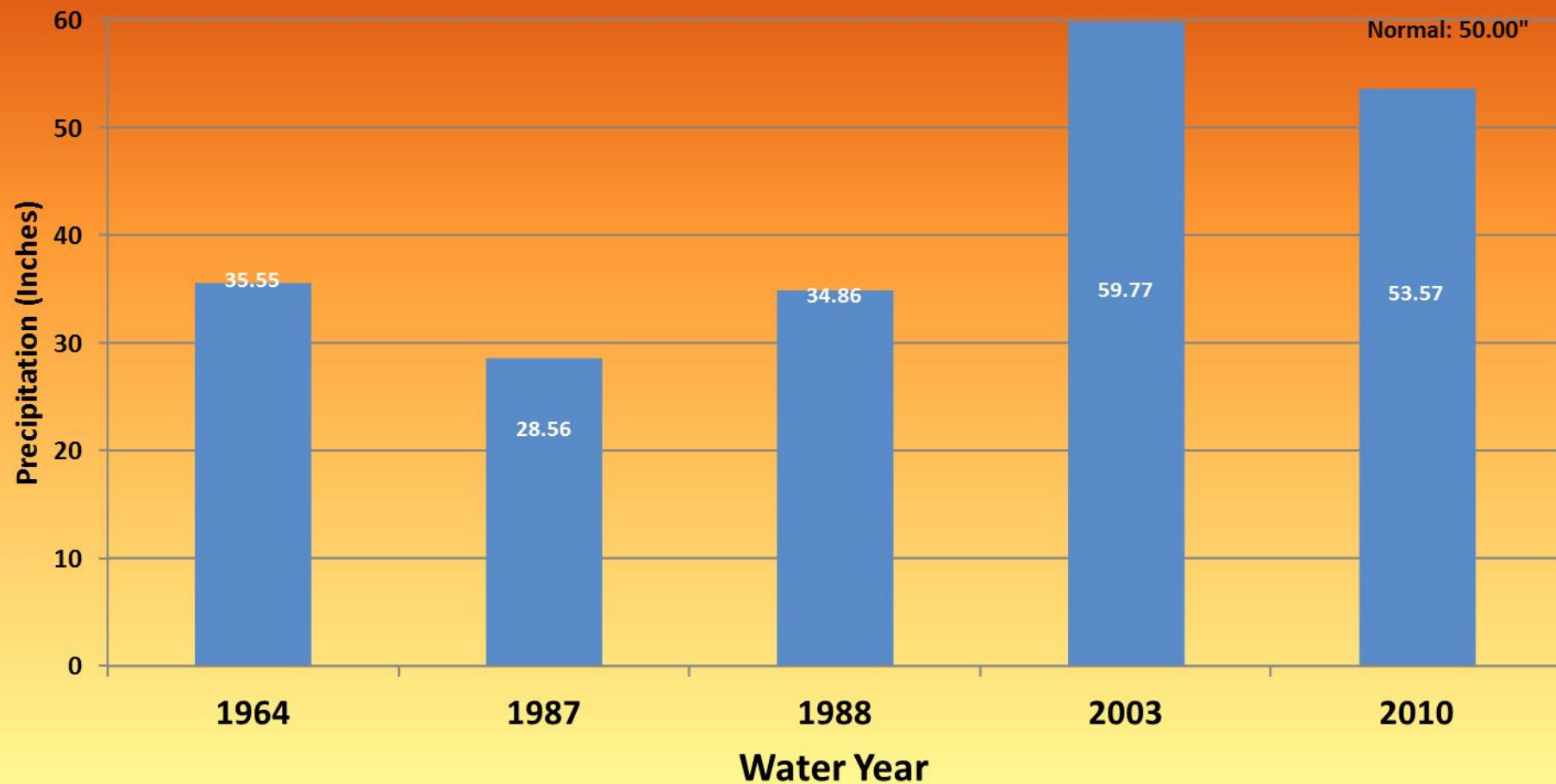
Average Annual Precip: 50.0"

Annual Precipitation

Strong El Niño Annual Precipitation Northern Sierra 8 Station Index

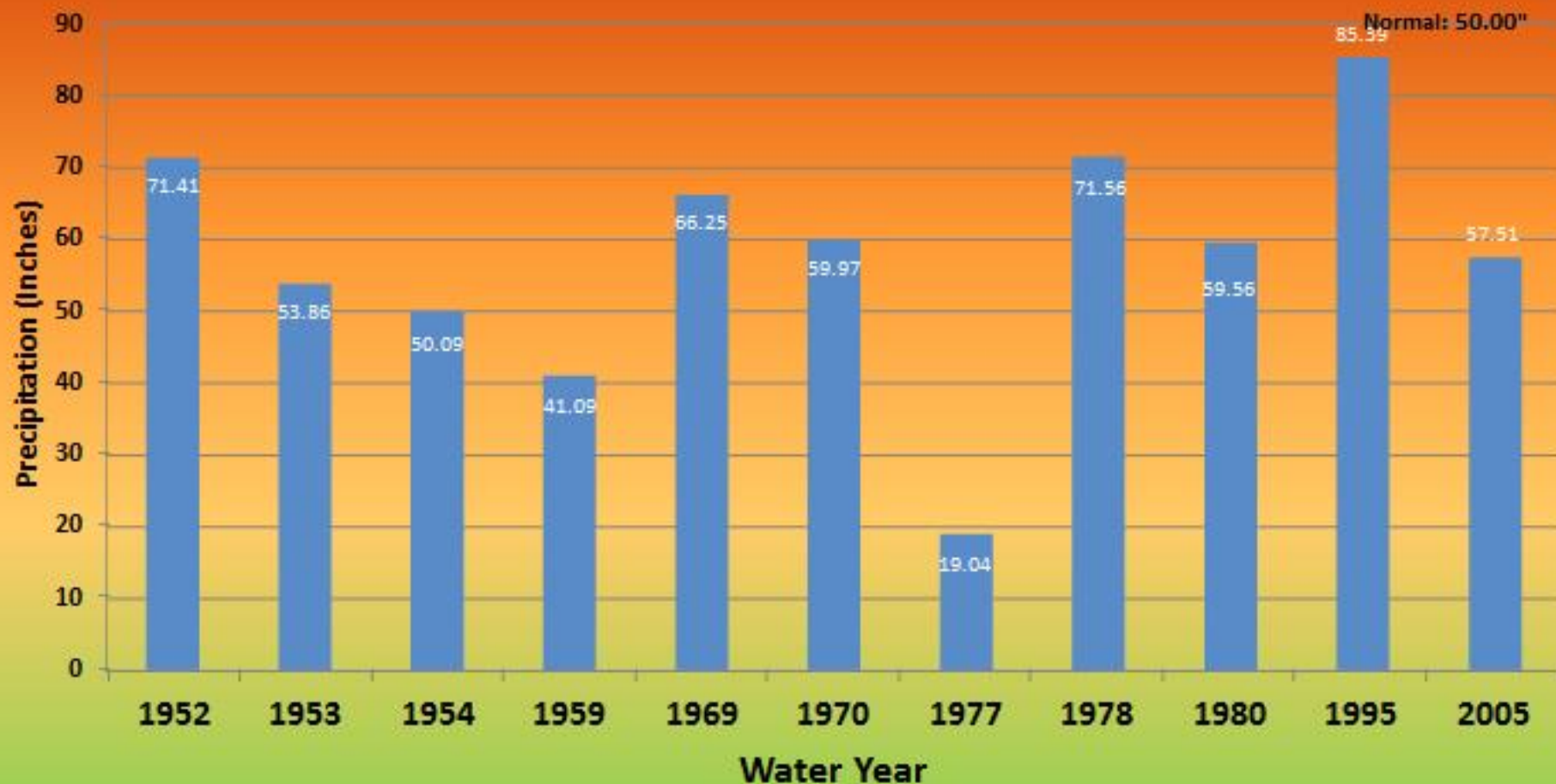


Moderate El Niño Annual Precipitation Northern Sierra 8 Station Index



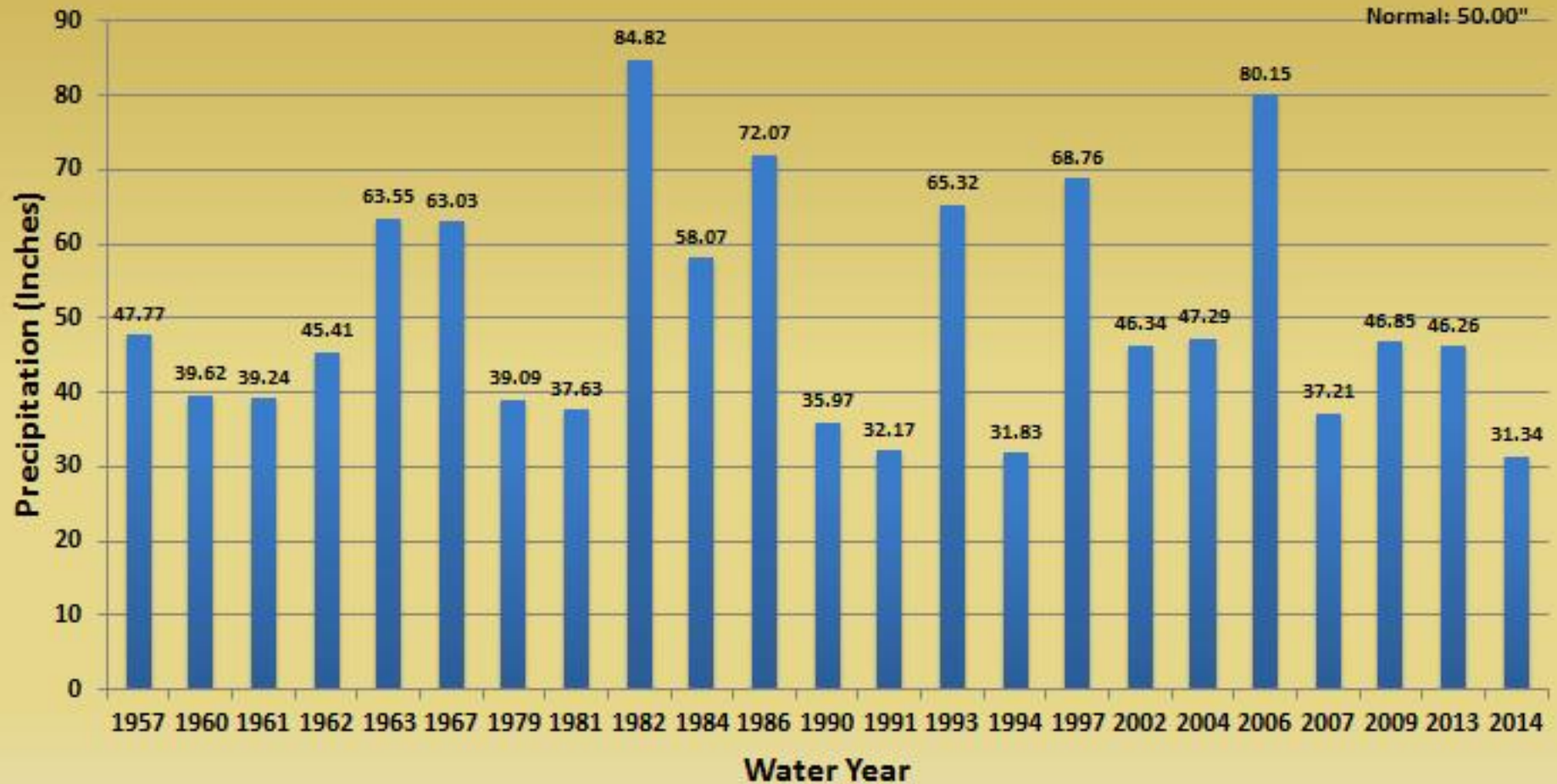
Annual Precipitation

Weak El Niño Annual Precipitation Northern Sierra 8 Station Index

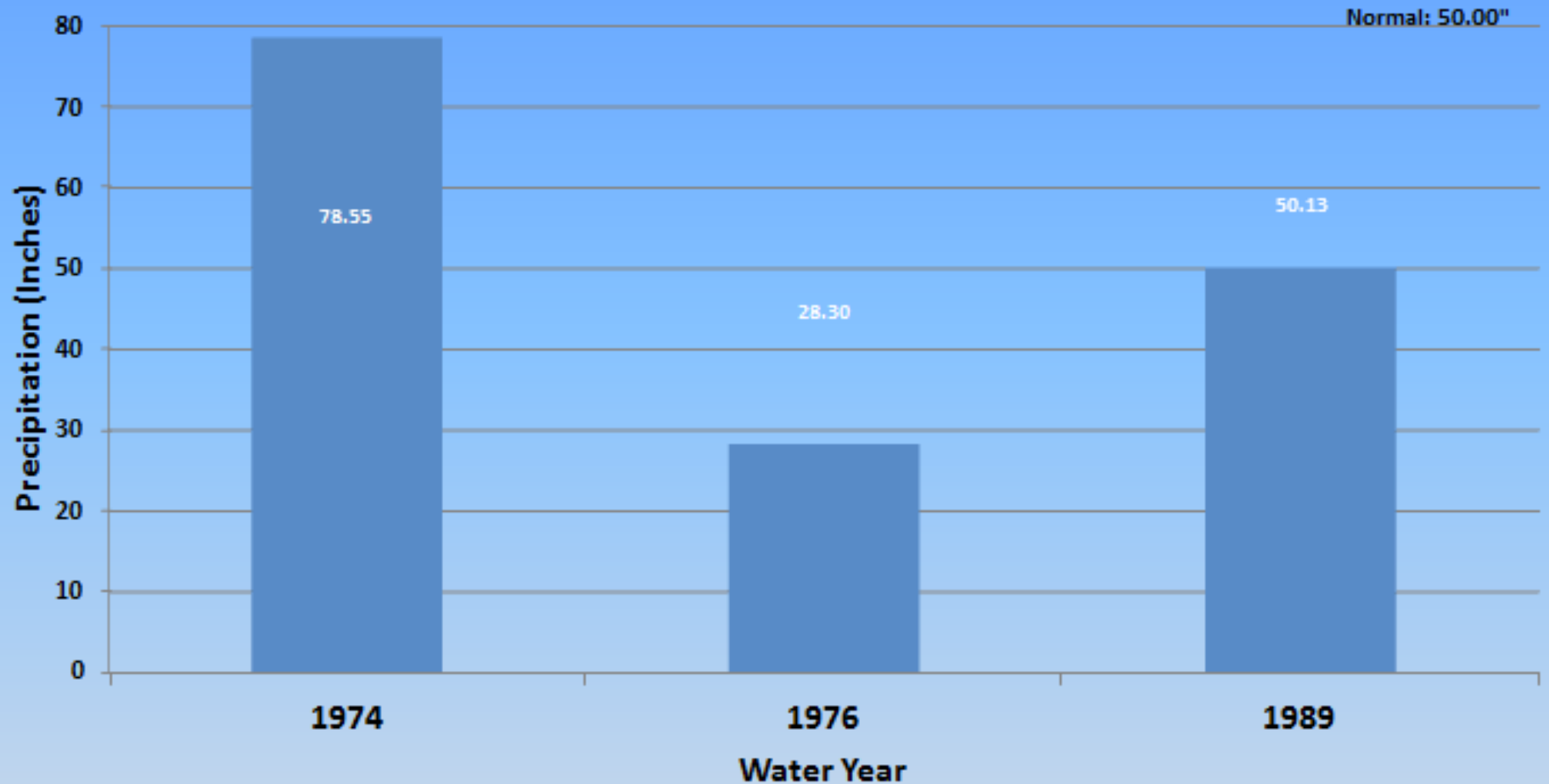


Annual Precipitation

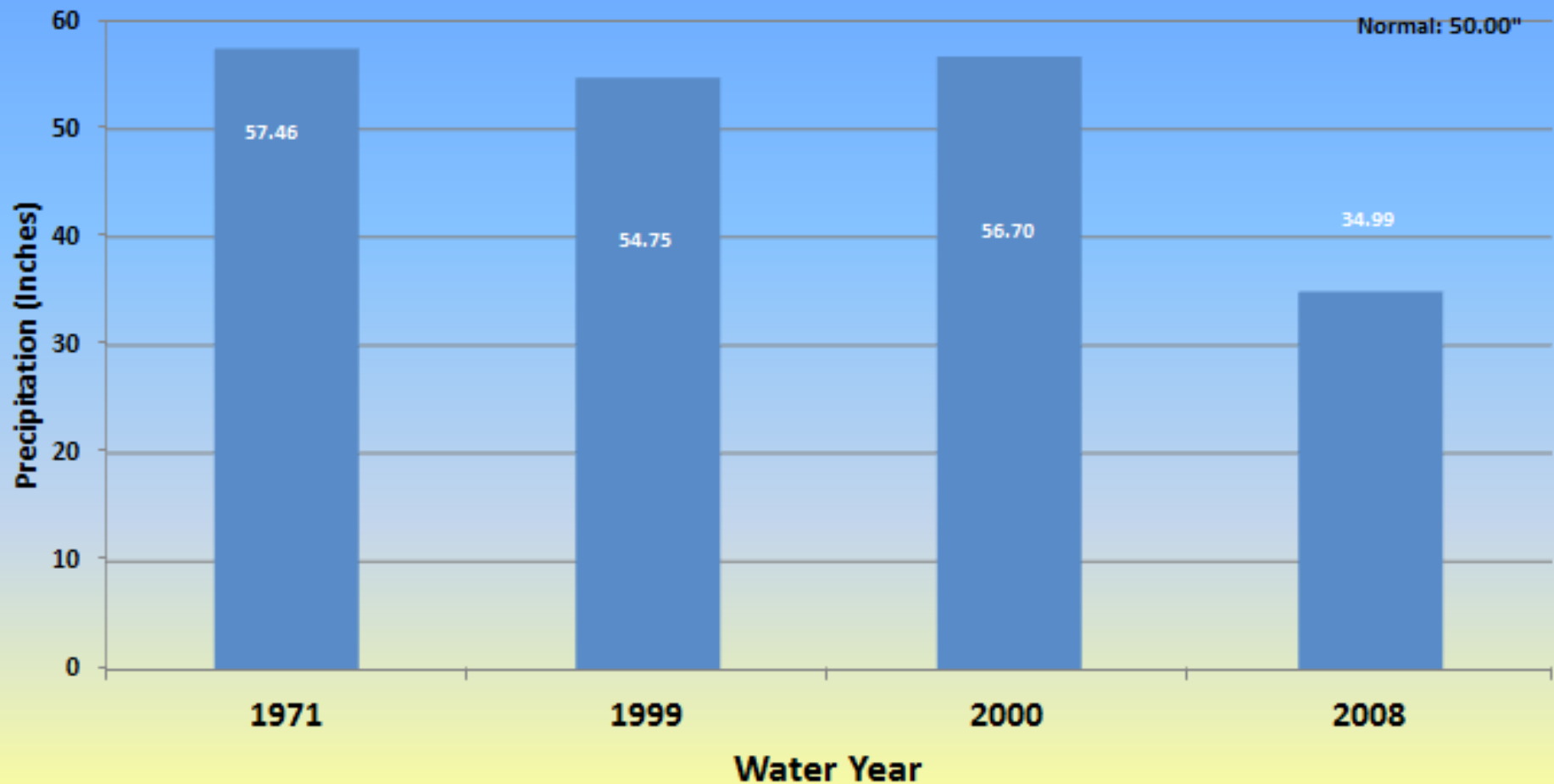
Neutral Annual Precipitation Northern Sierra 8 Station Index



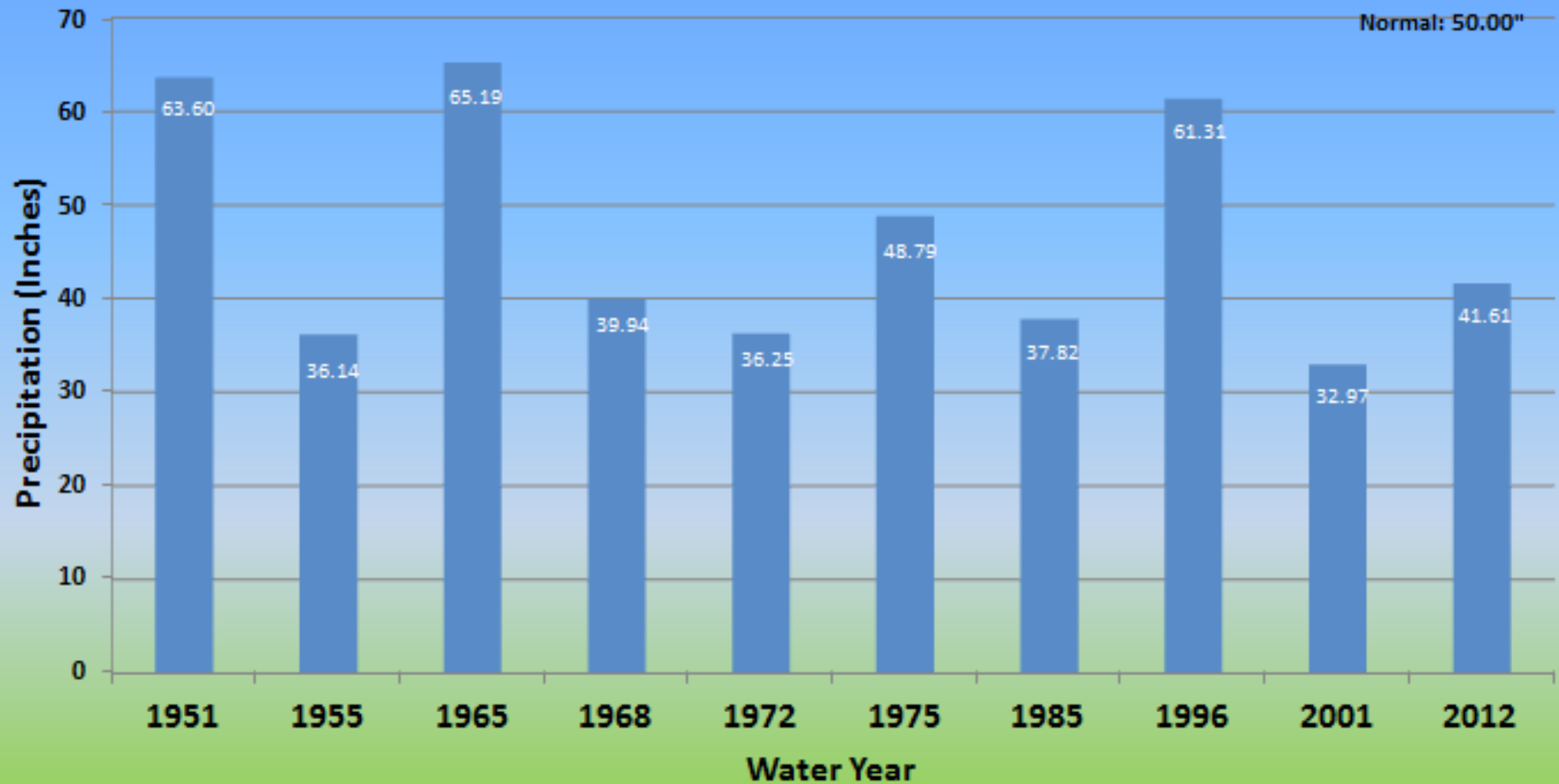
Strong La Niña Annual Precipitation Northern Sierra 8 Station Index



Moderate La Niña Annual Precipitation Northern Sierra 8 Station Index

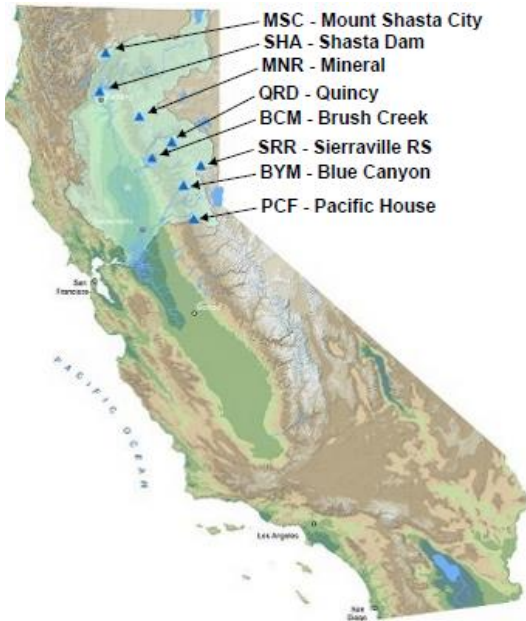


Weak La Niña Annual Precipitation Northern Sierra 8 Station Index



Northern Sierra 8 Station Index

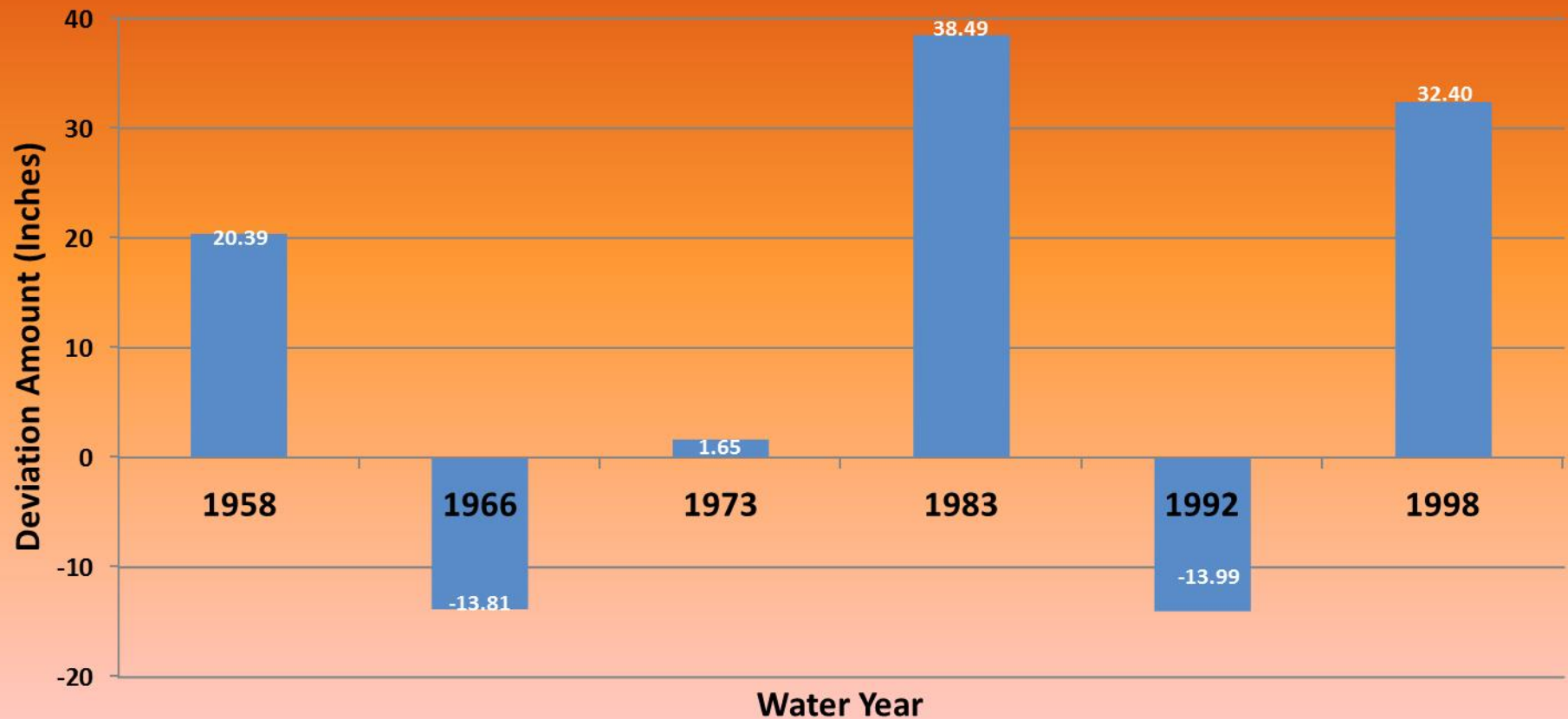
Difference From Normal



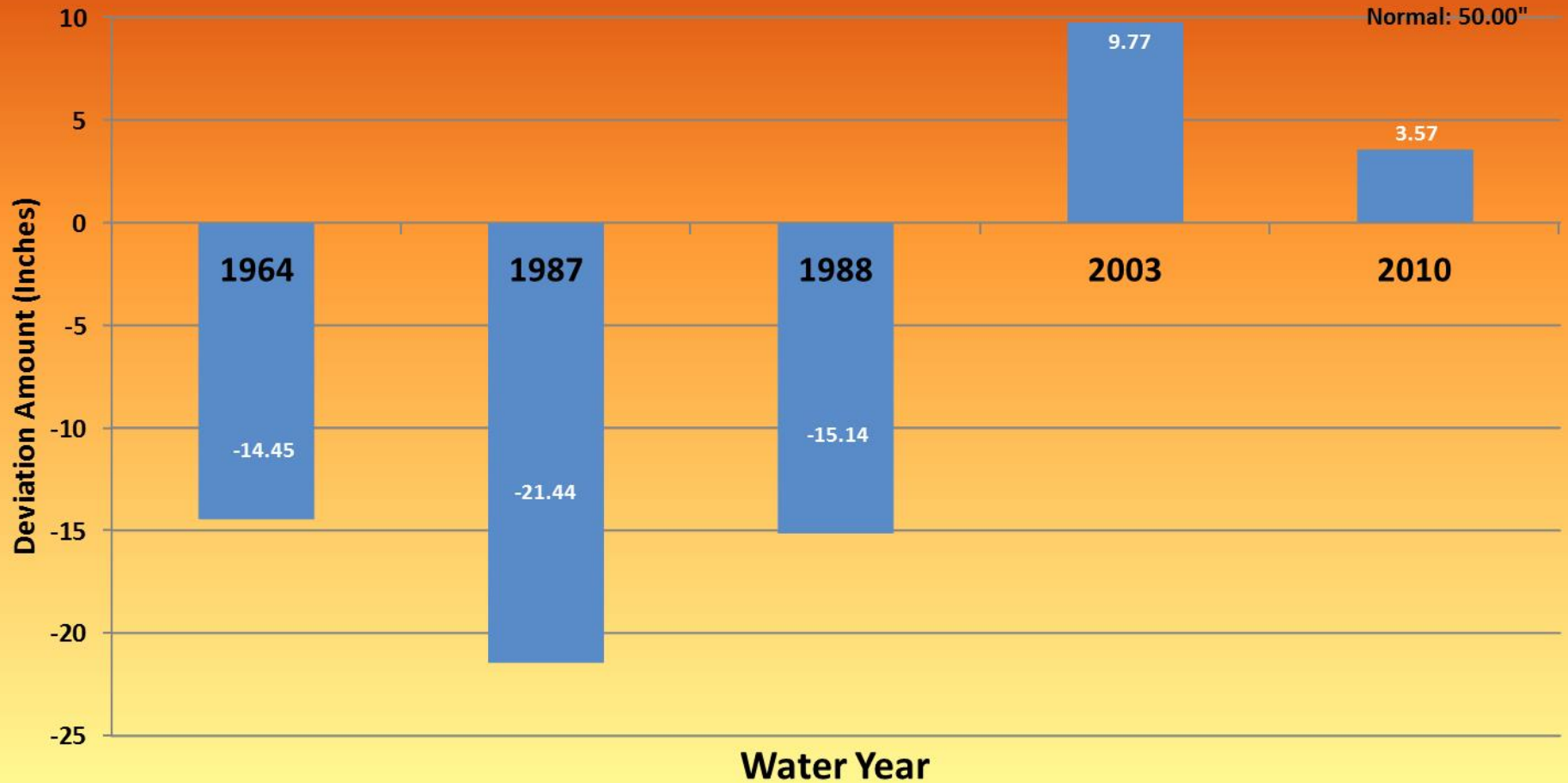
Average Annual Precip: 50.0"

Strong El Niño Difference From Normal Precipitation Northern Sierra 8 Station Index

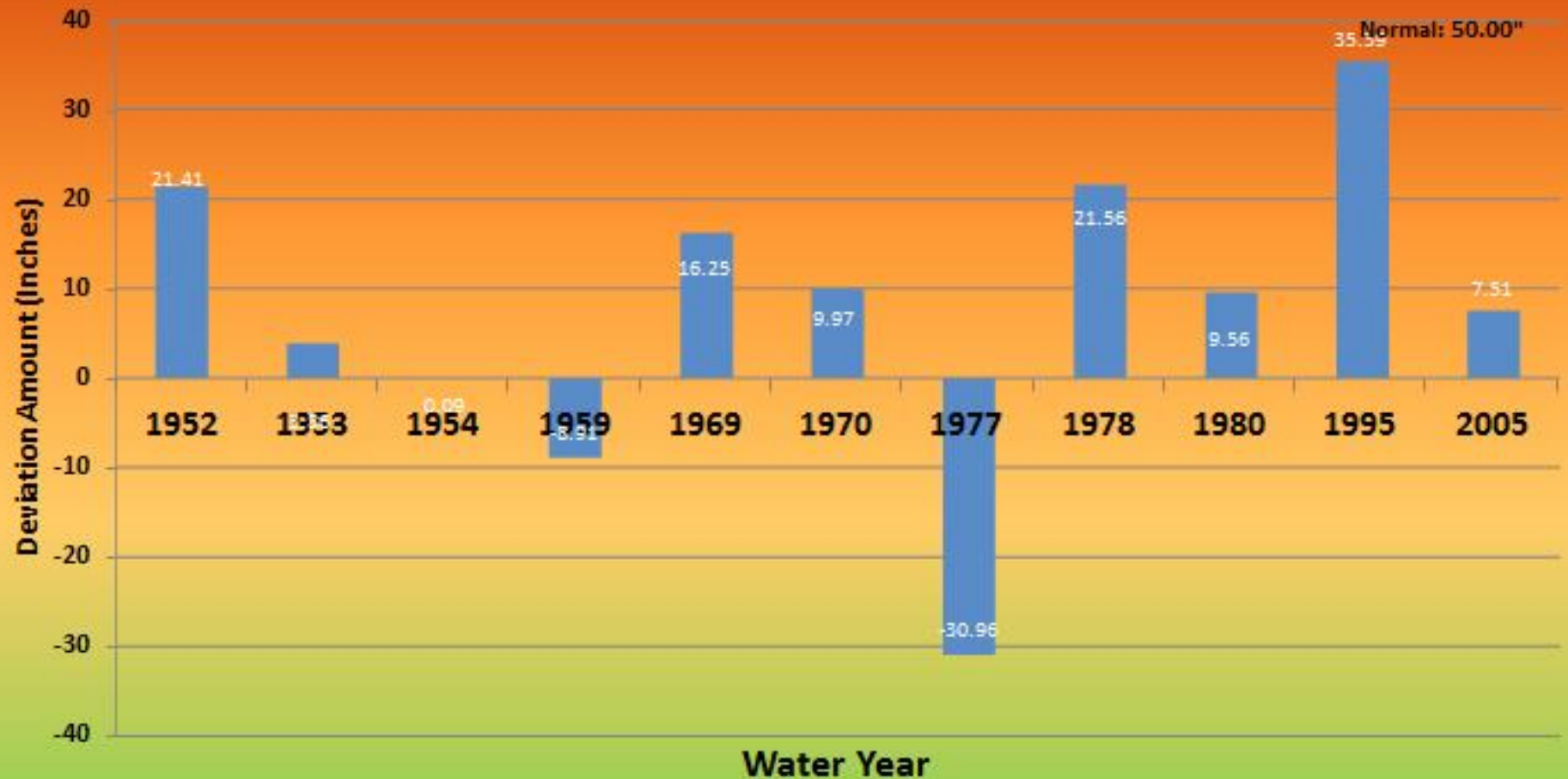
Normal: 50.00"



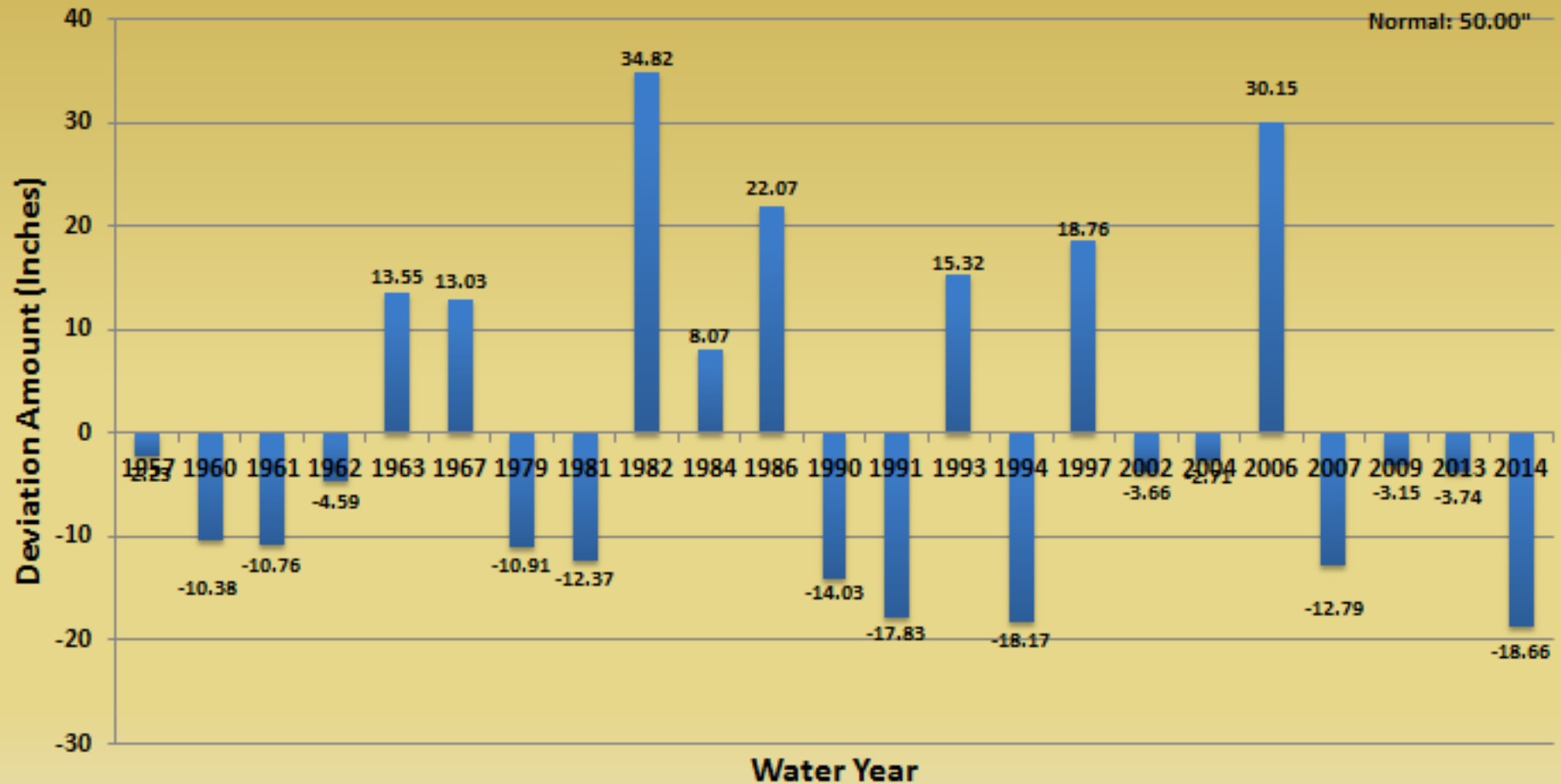
Moderate El Niño Difference From Normal Precipitation Northern Sierra 8 Station Index



Weak El Niño Difference From Normal Precipitation Northern Sierra 8 Station Index

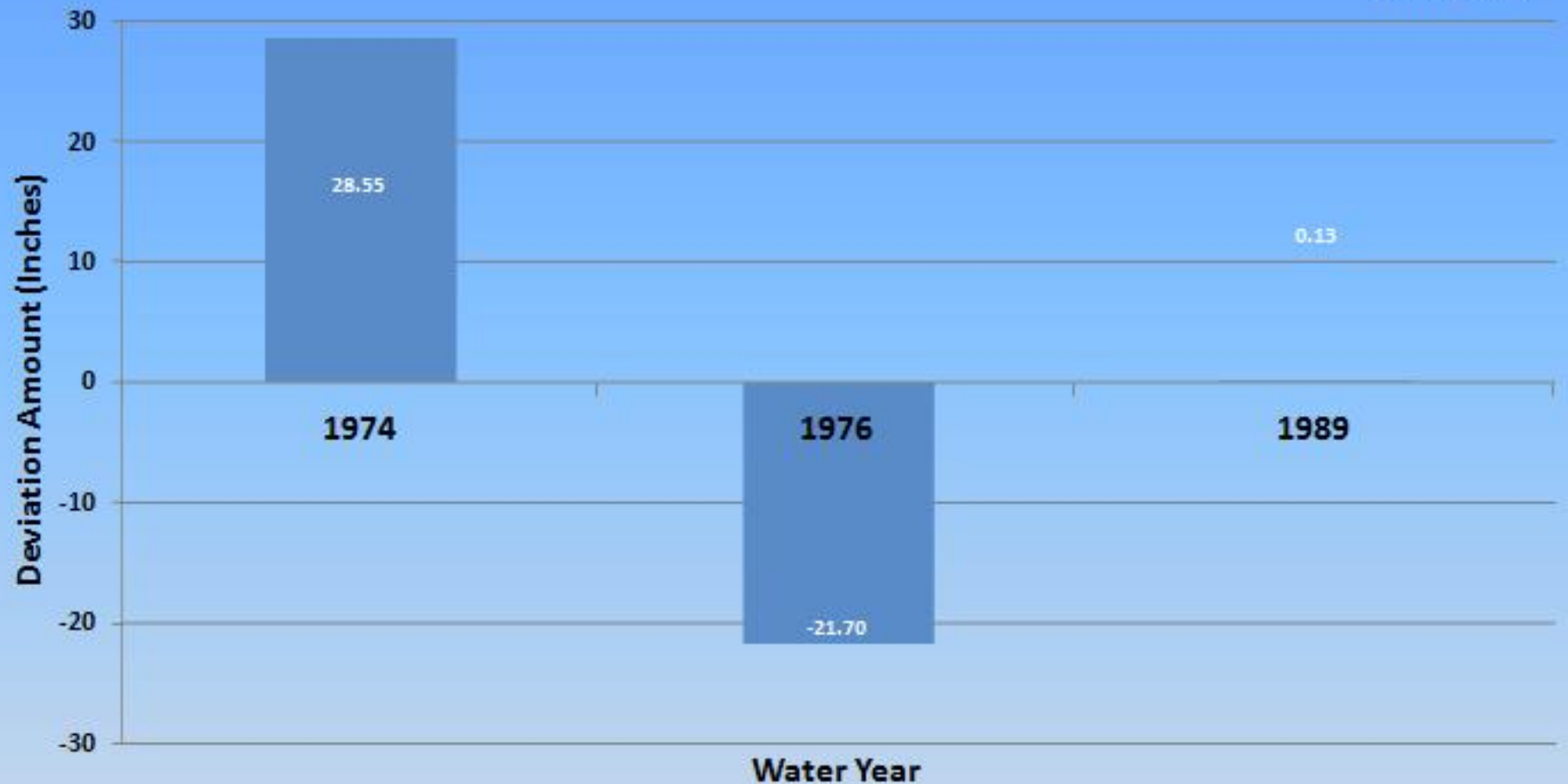


Neutral Difference From Normal Precipitation Northern Sierra 8 Station Index

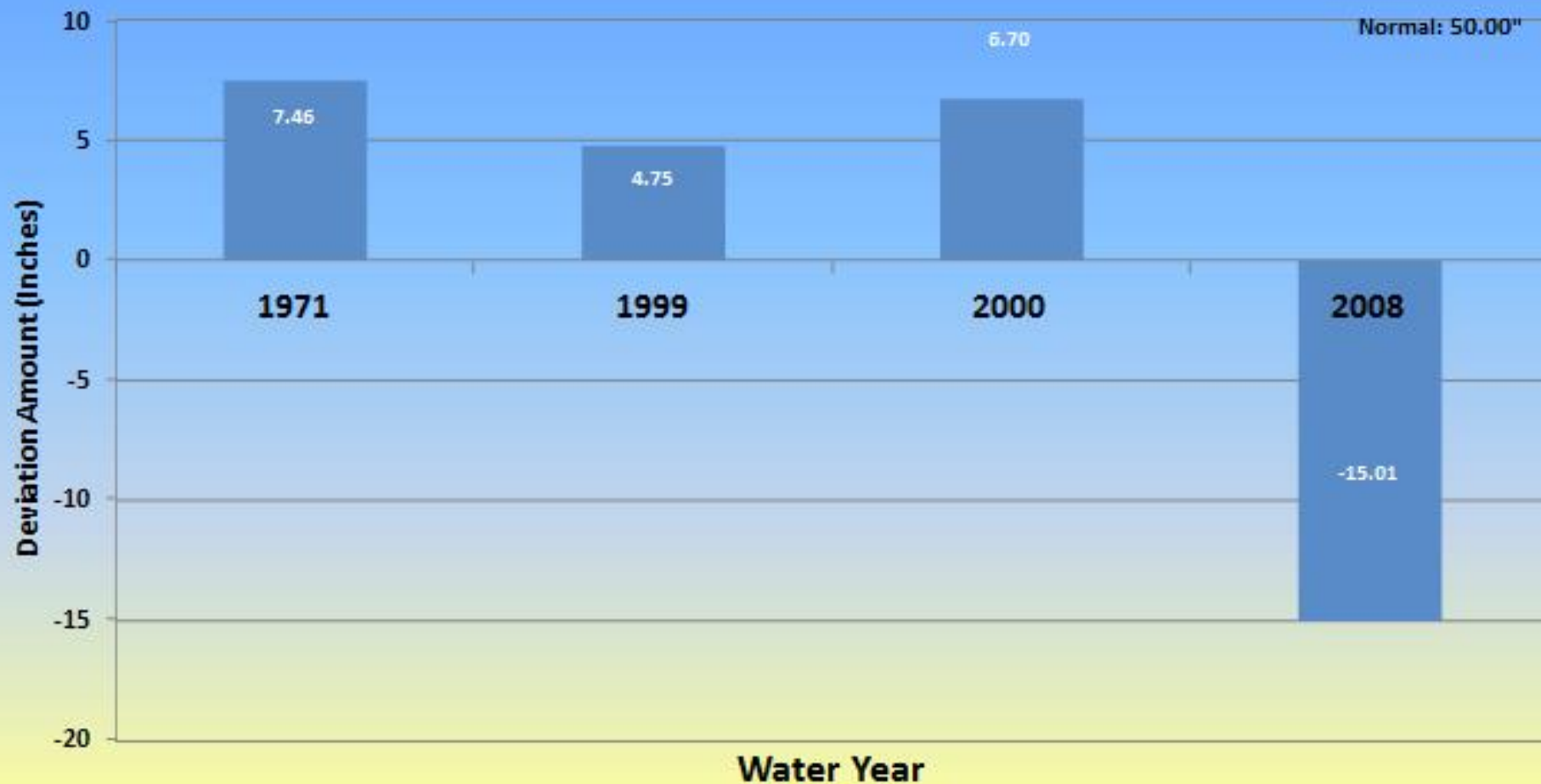


Strong La Niña Difference From Normal Precipitation Northern Sierra 8 Station Index

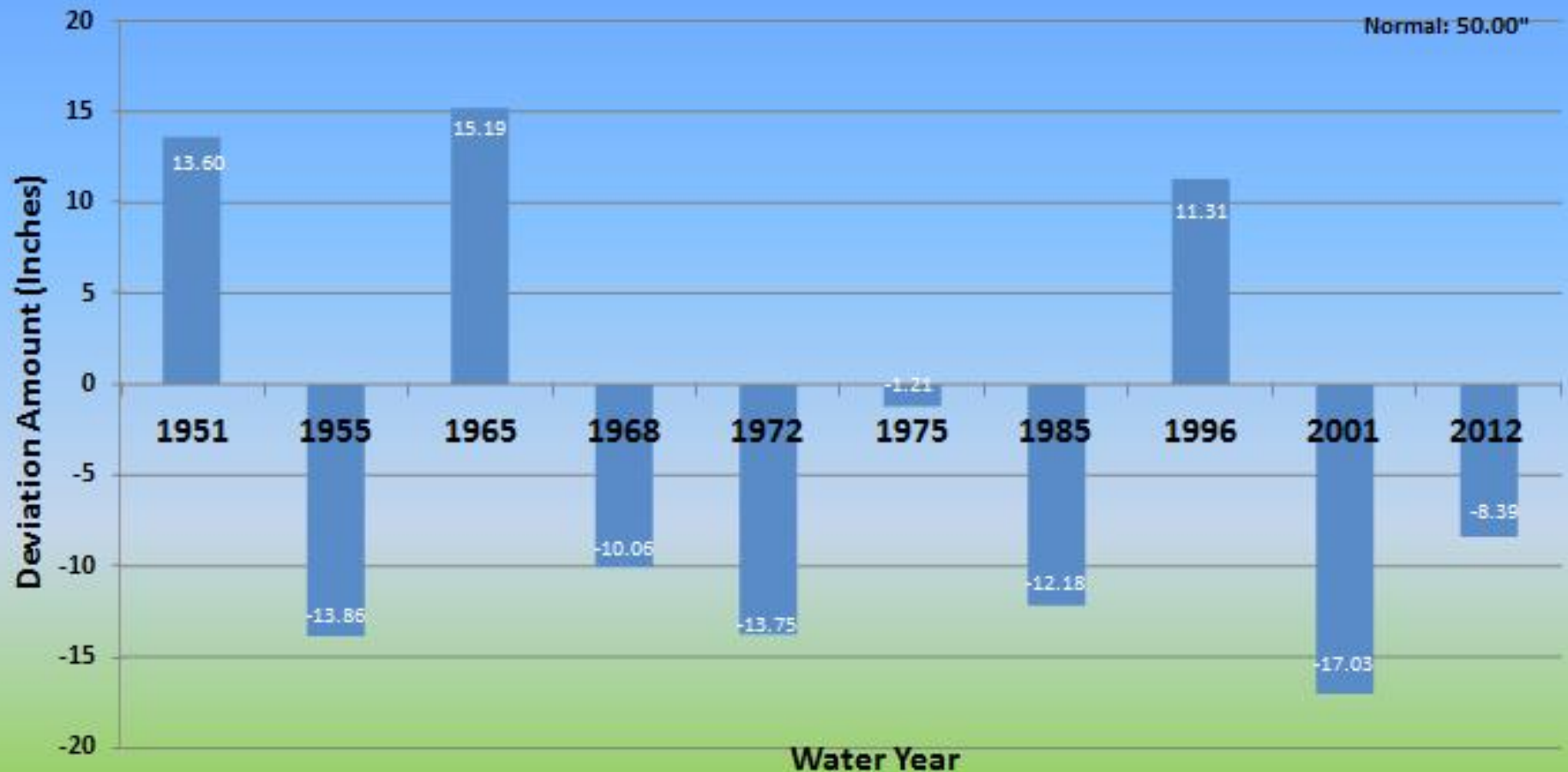
Normal: 50.00"



Moderate La Niña Difference From Normal Precipitation Northern Sierra 8 Station Index

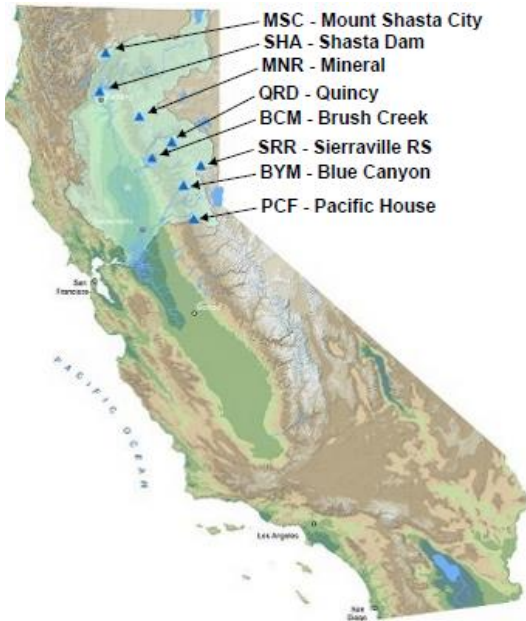


Weak La Niña Difference From Normal Precipitation Northern Sierra 8 Station Index



Northern Sierra 8 Station Index

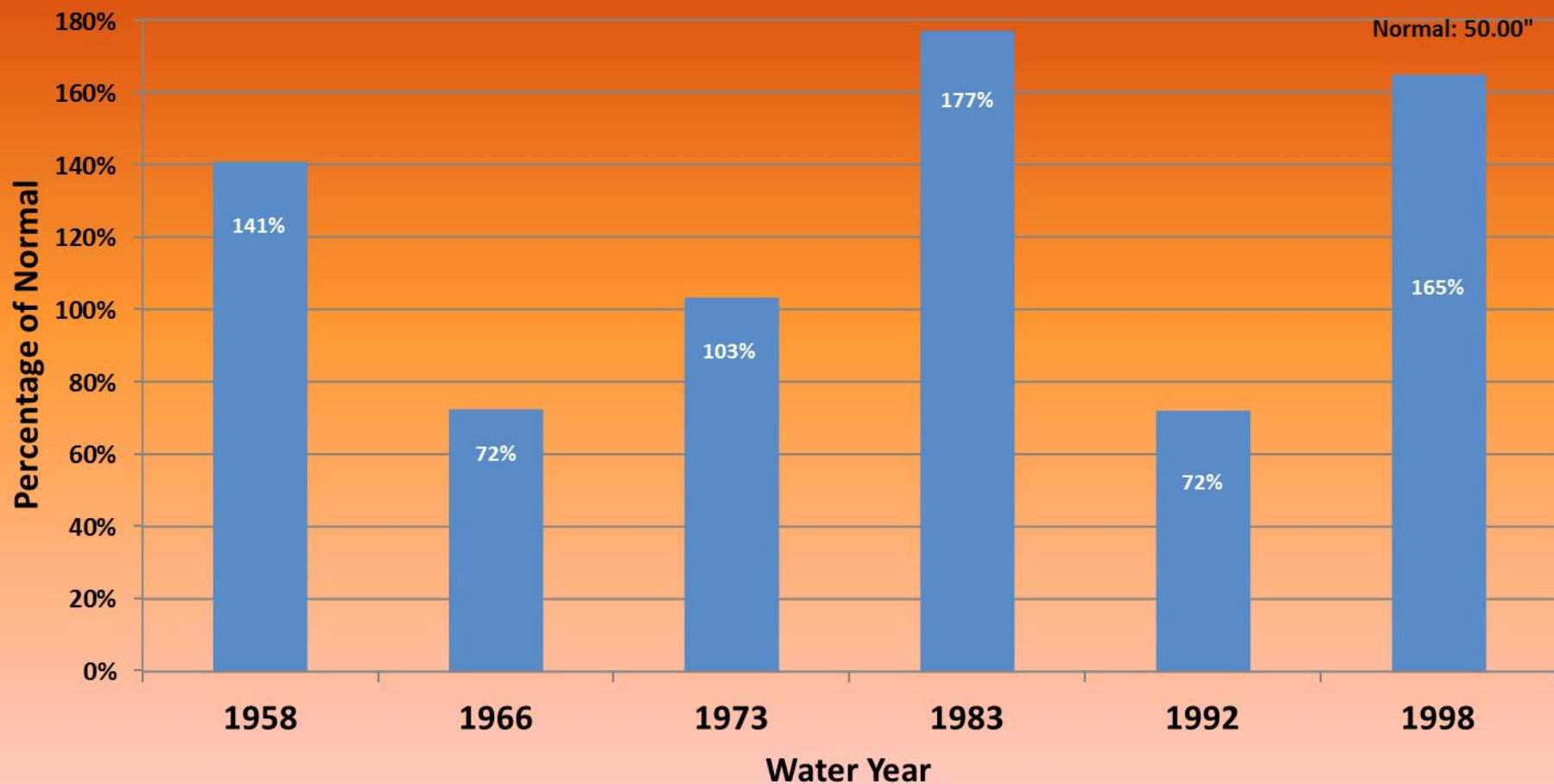
% of Normal Precip



Average Annual Precip: 50.0"

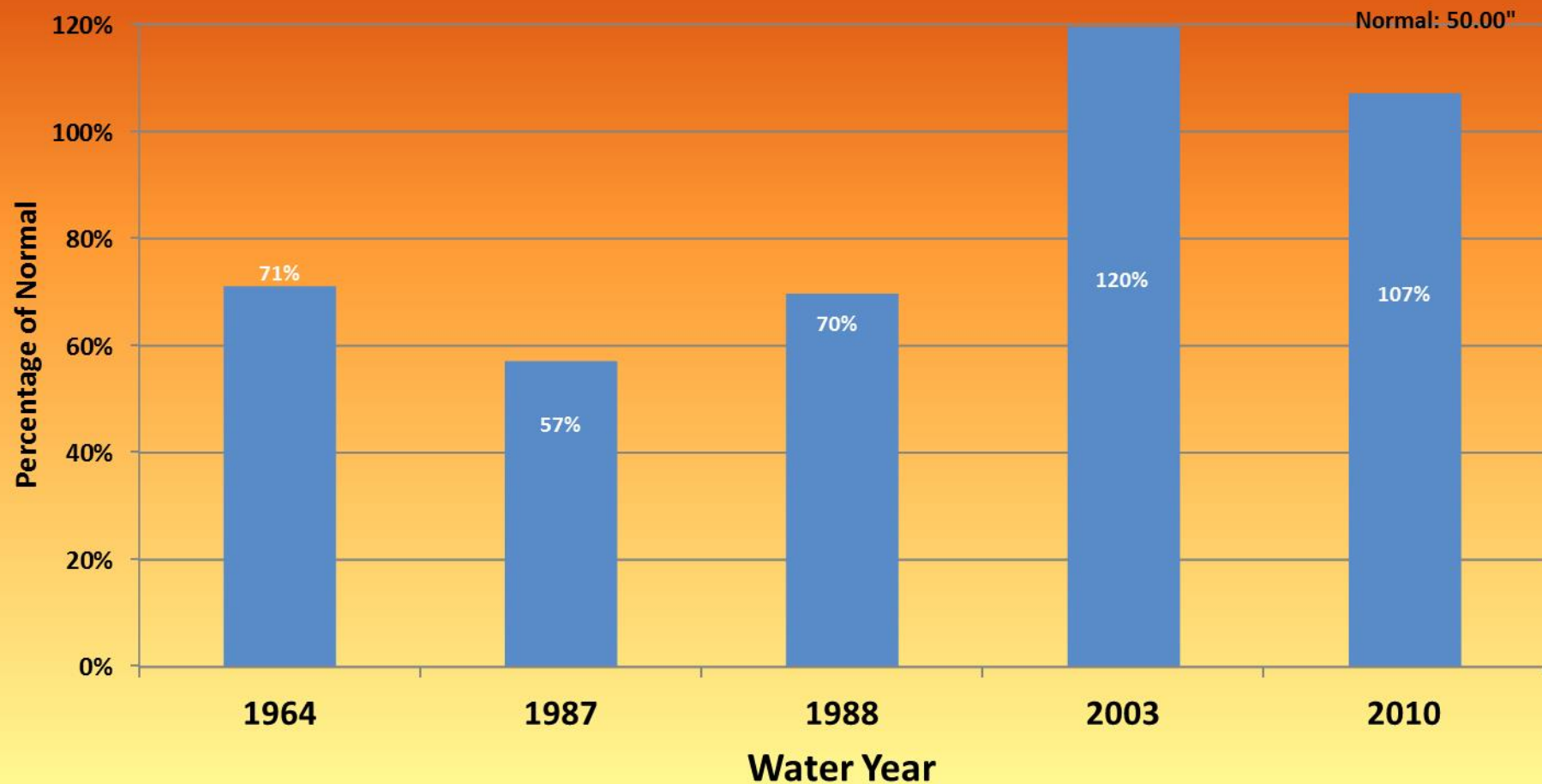
% of Normal Precip

Strong El Niño Percentage of Normal Precipitation Northern Sierra 8 Station Index



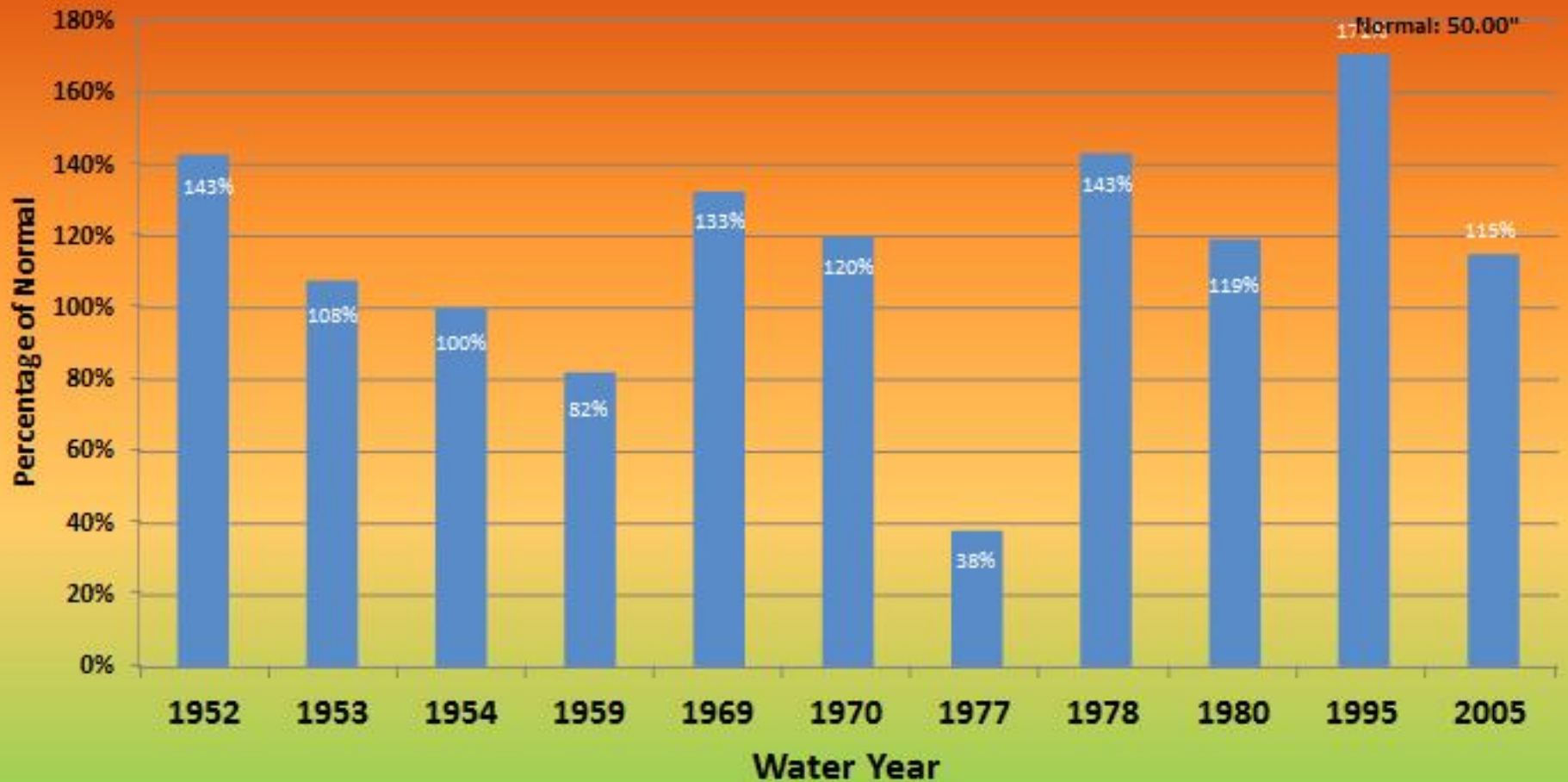
% of Normal Precip

Moderate El Niño Percentage of Normal Precipitation Northern Sierra 8 Station Index



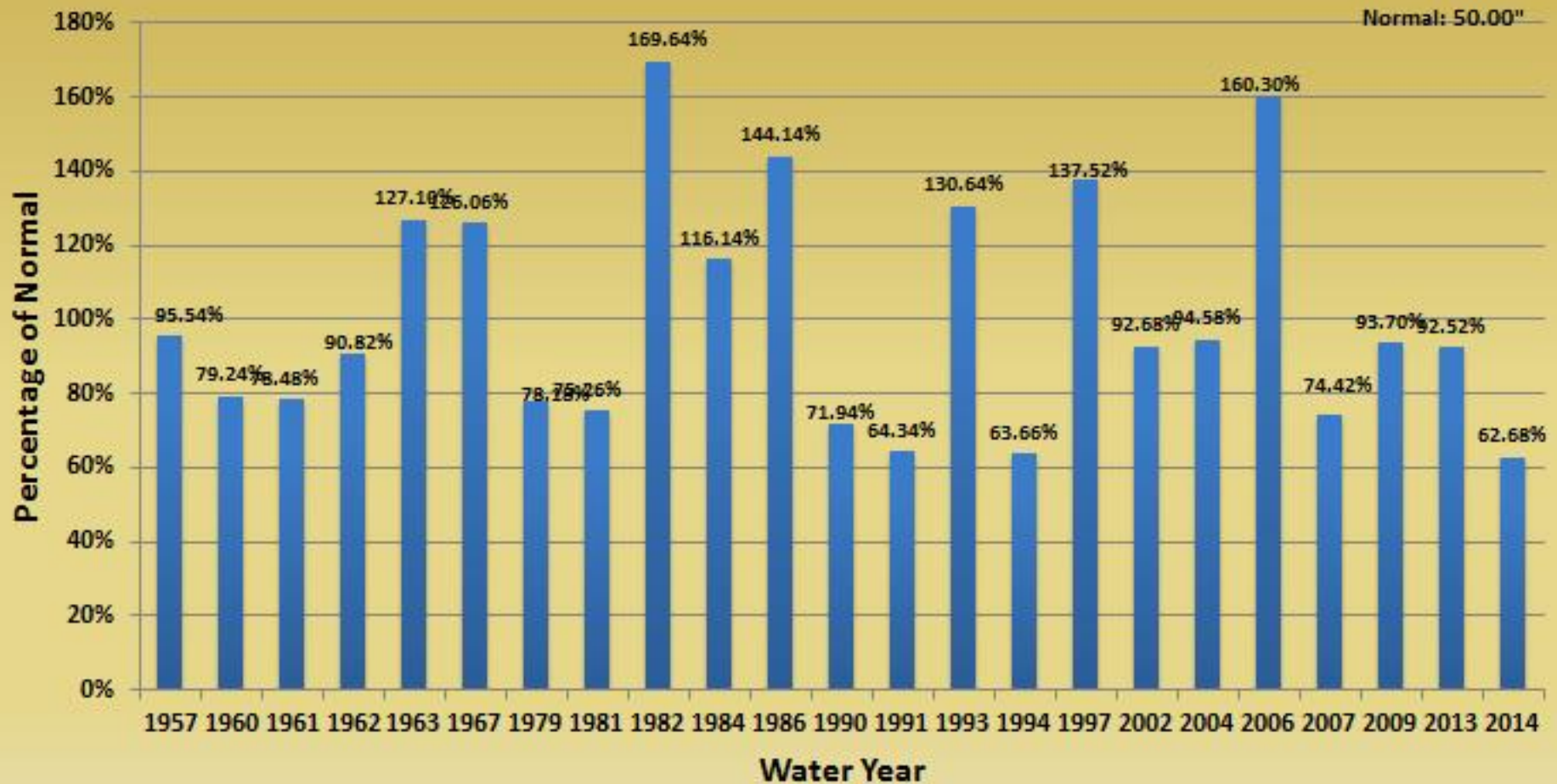
% of Normal Precip

Weak El Niño Percentage of Normal Precipitation Northern Sierra 8 Station Index



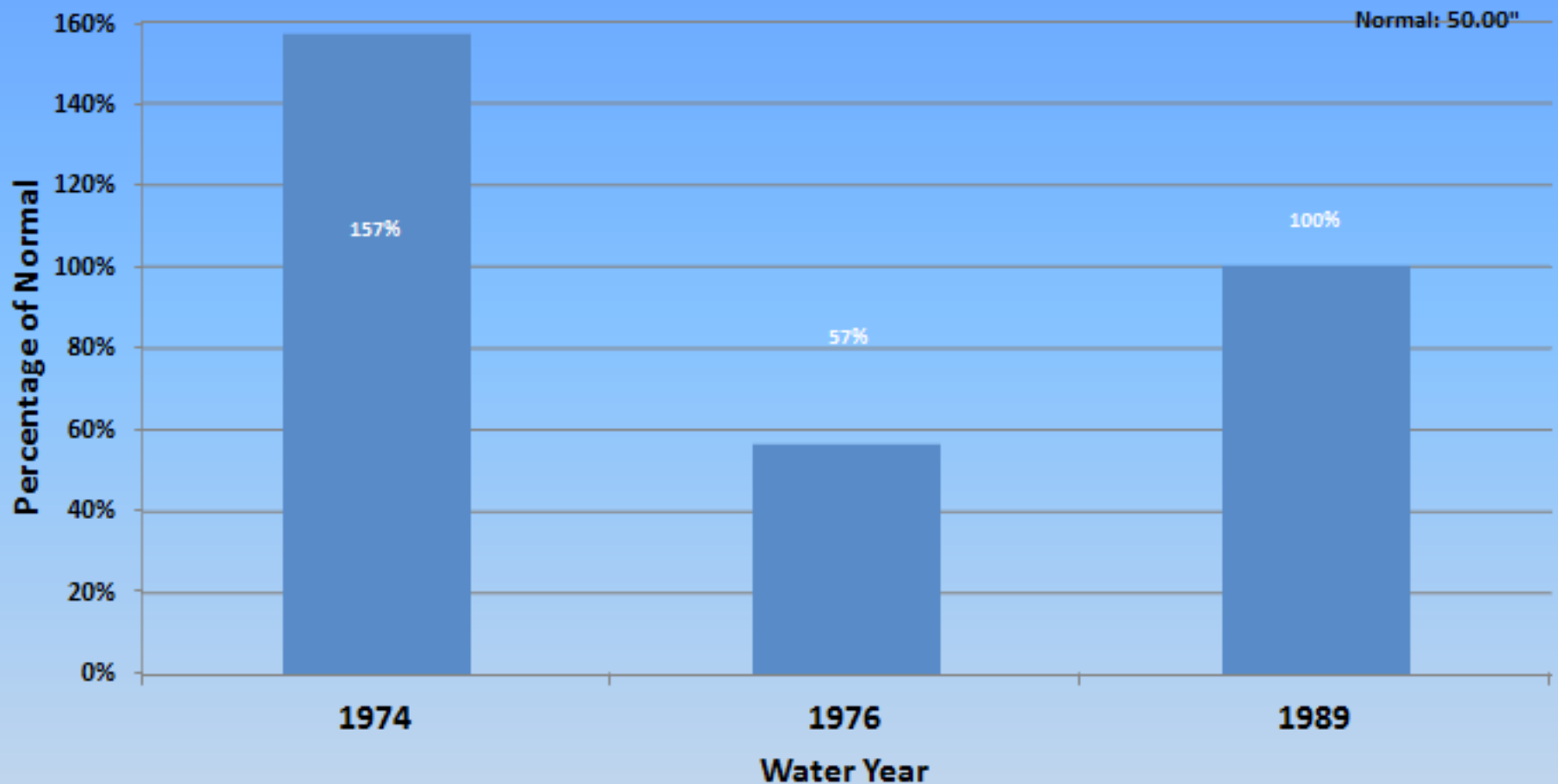
% of Normal Precip

Neutral Percentage of Normal Precipitation Northern Sierra 8 Station Index



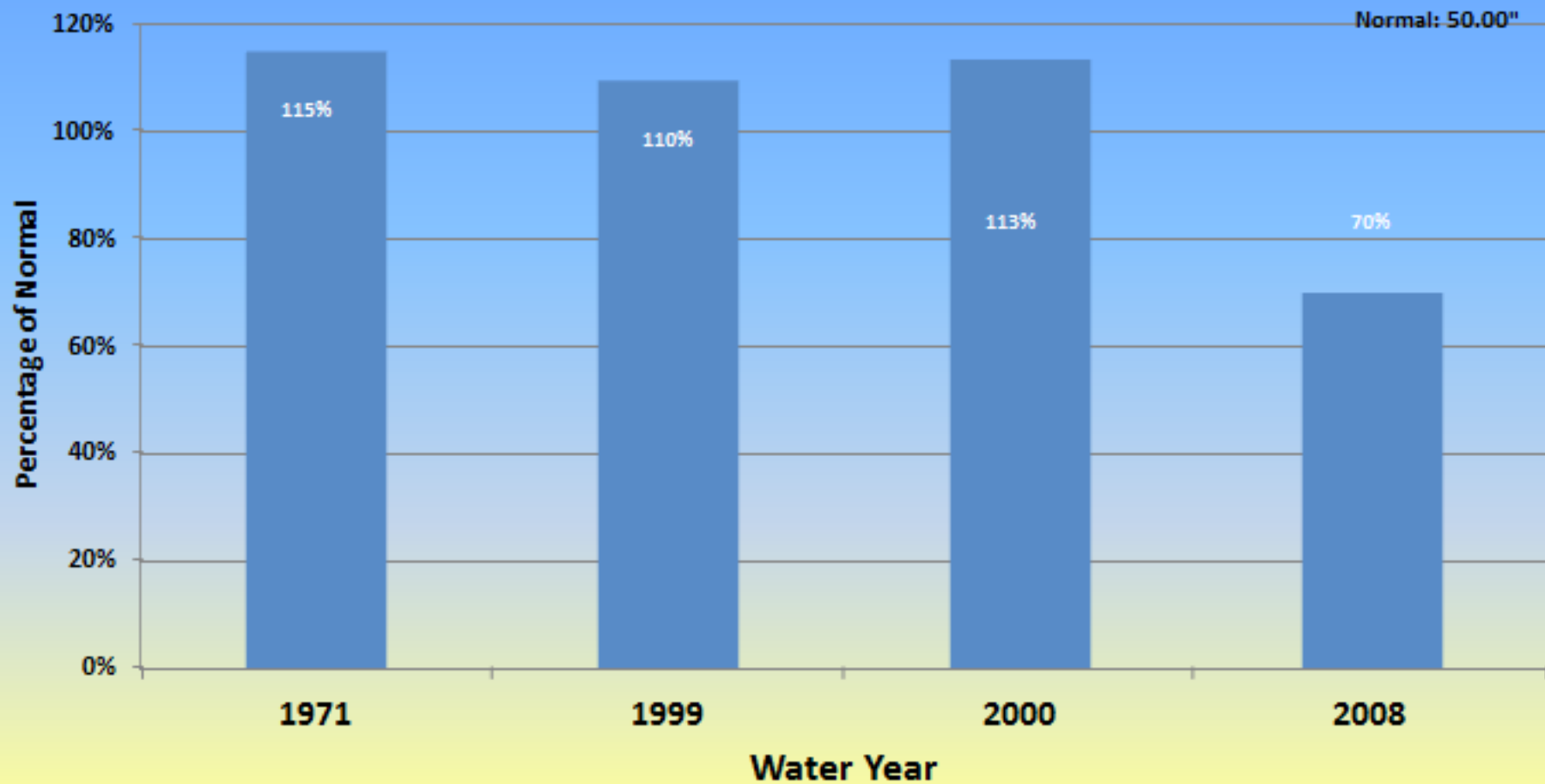
% of Normal Precip

Strong La Niña Percentage of Normal Precipitation Northern Sierra 8 Station Index



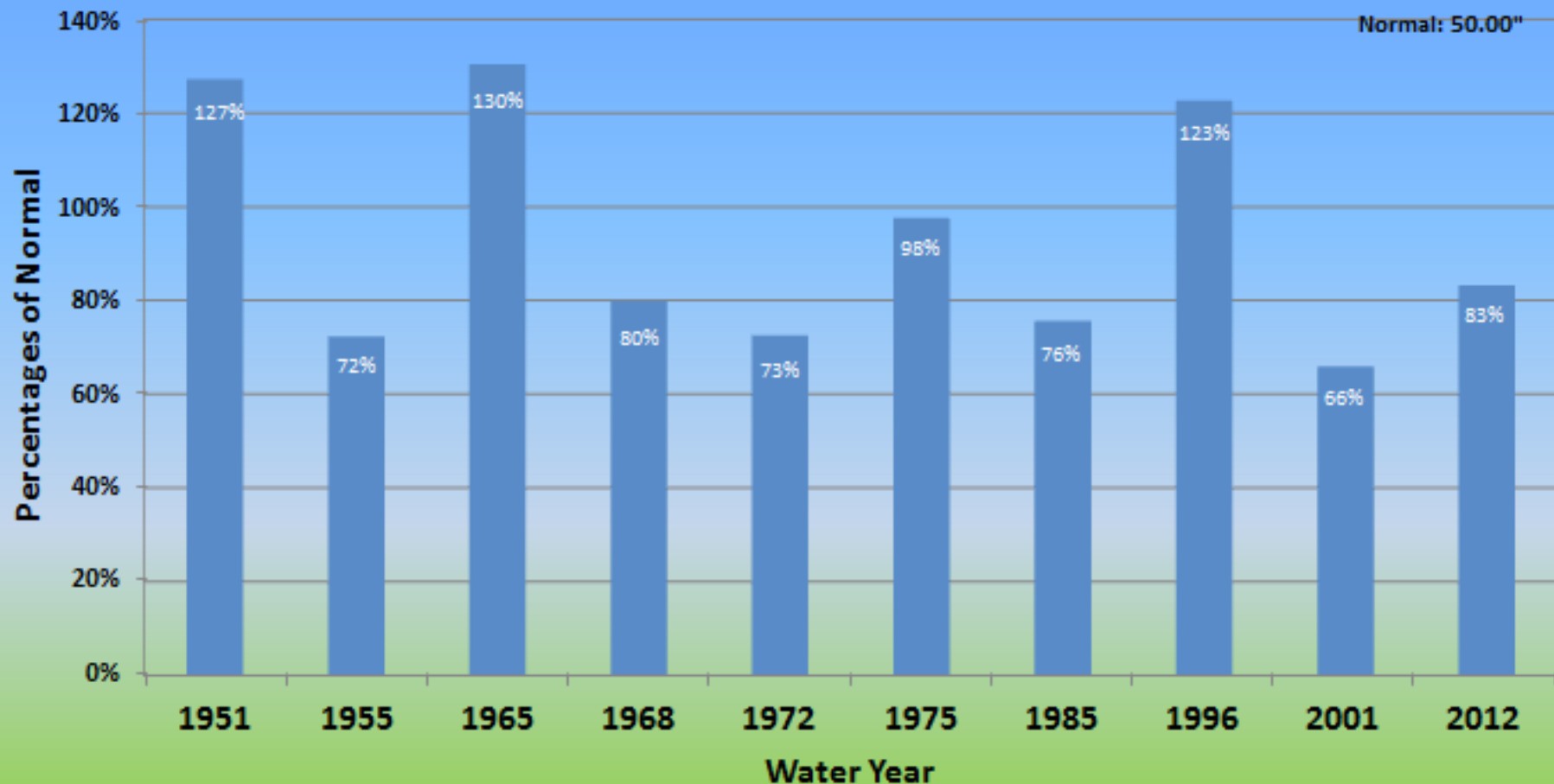
% of Normal Precip

Moderate La Niña Percentage of Normal Precipitation Northern Sierra 8 Station Index



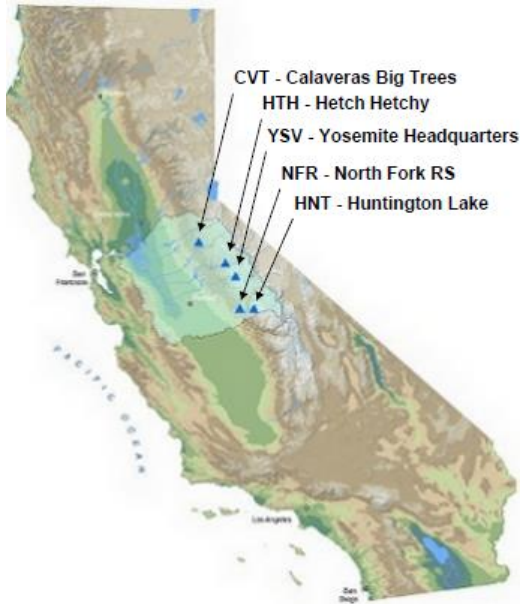
% of Normal Precip

Weak La Niña Percentage of Normal Precipitation Northern Sierra 8 Station Index



Central Sierra 5 Station Index

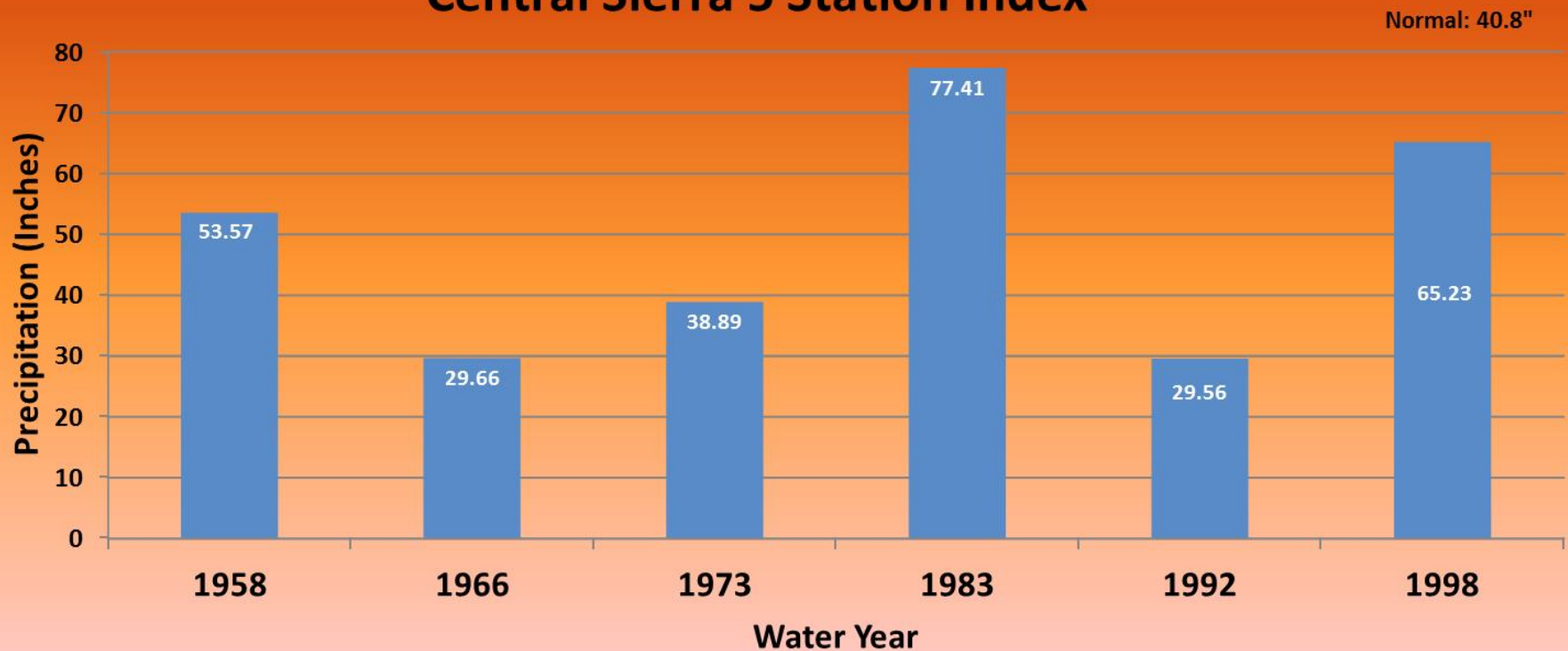
Annual Precipitation



Average Annual Precip: 40.8"

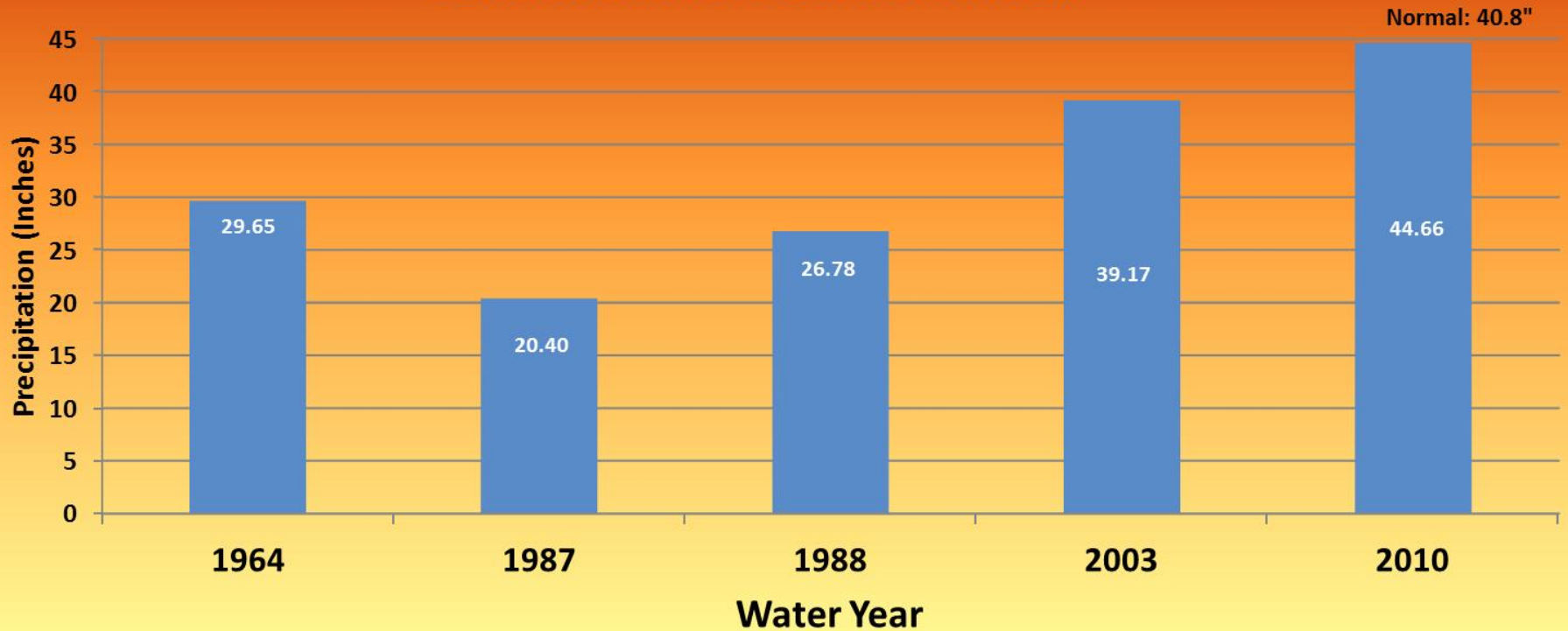
Annual Precipitation

Strong El Niño Annual Precipitation Central Sierra 5 Station Index



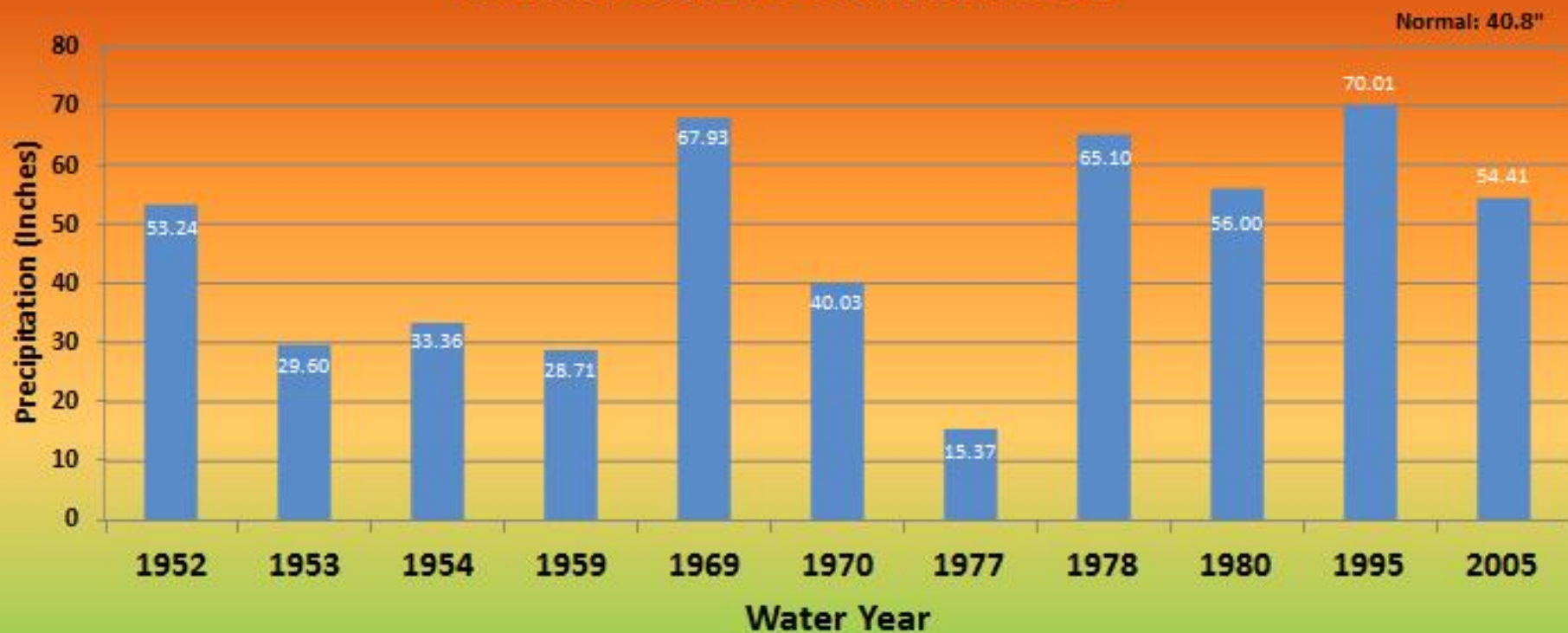
Annual Precipitation

Moderate El Niño Annual Precipitation Central Sierra 5 Station Index



Annual Precipitation

Weak El Niño Annual Precipitation Central Sierra 5 Station Index



Annual Precipitation

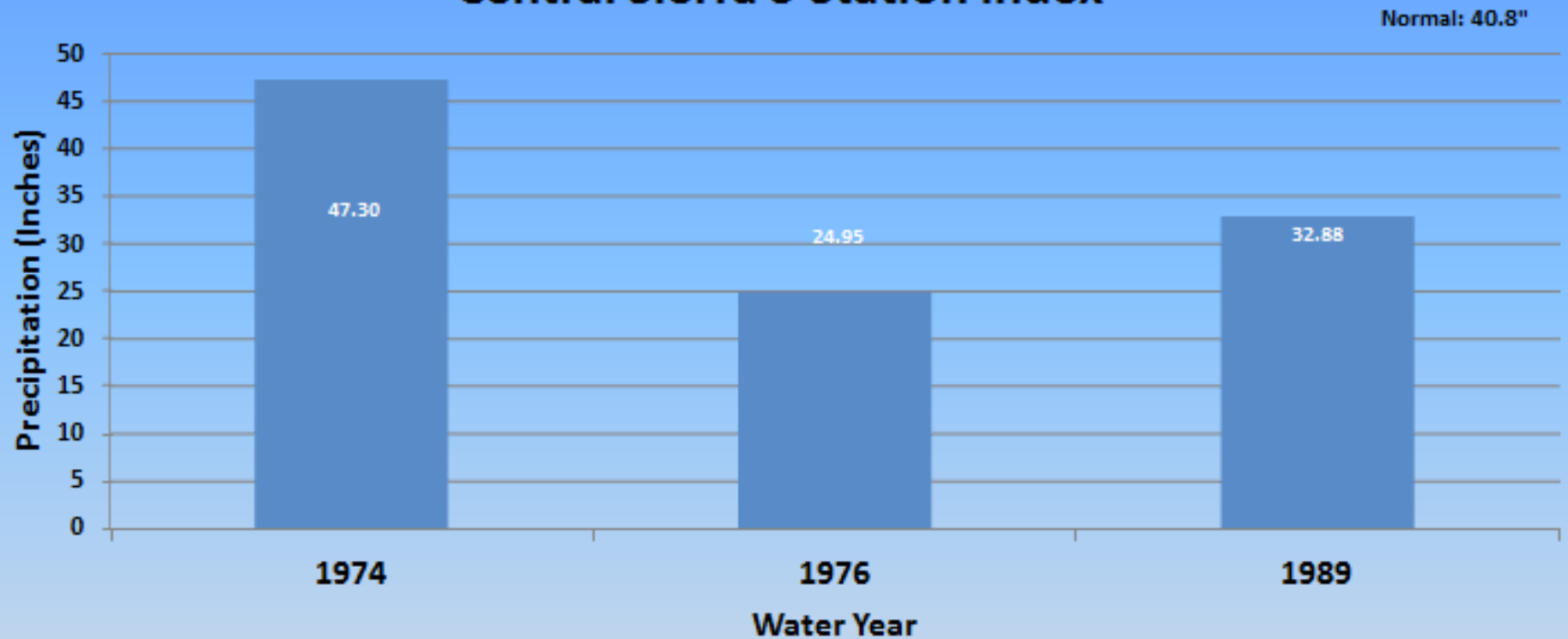
Neutral Annual Precipitation Central Sierra 5 Station Index

Normal: 40.8"



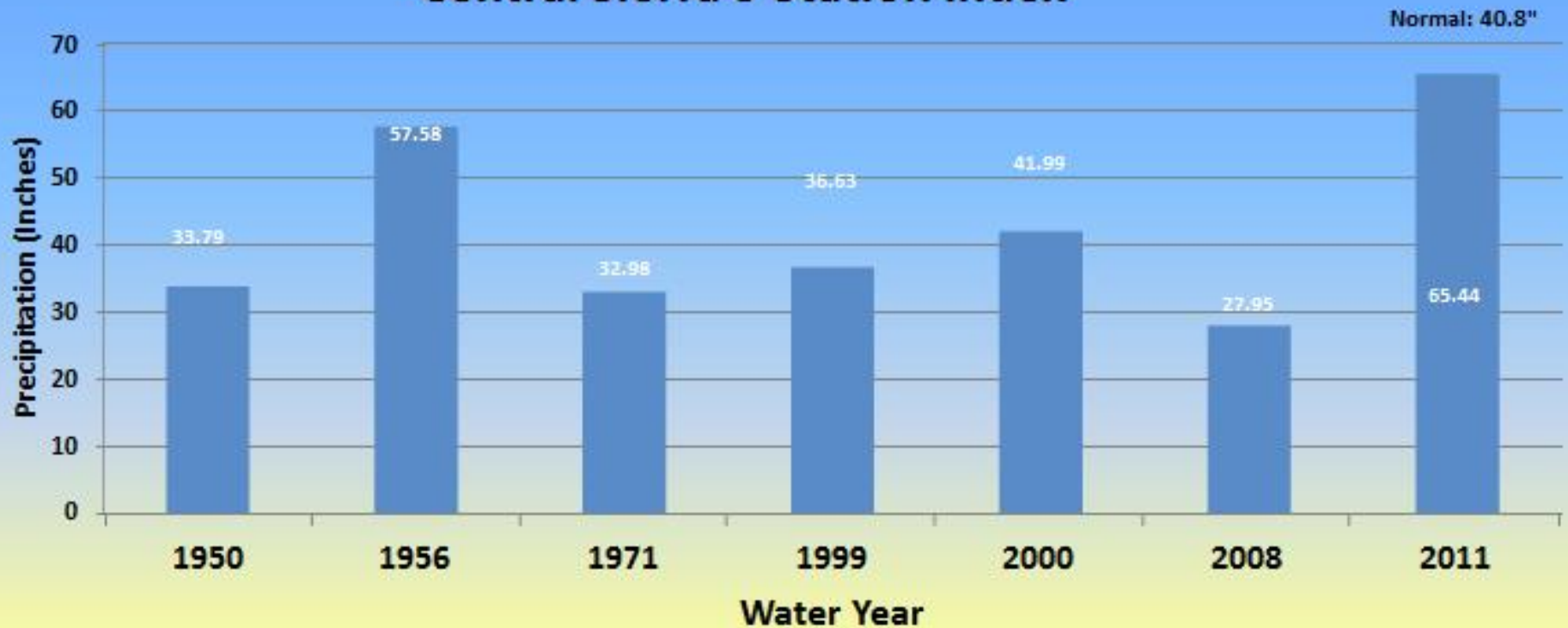
Annual Precipitation

Strong La Niña Annual Precipitation Central Sierra 5 Station Index



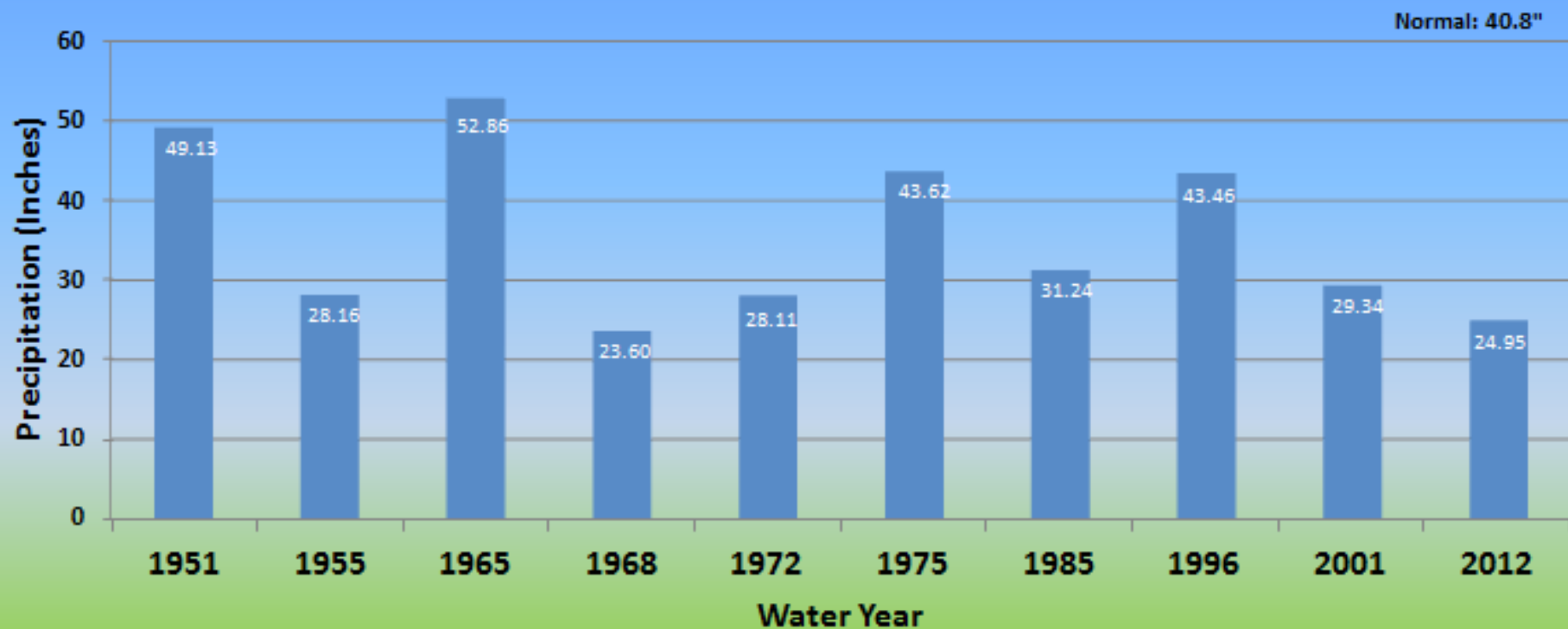
Annual Precipitation

Moderate La Niña Annual Precipitation Central Sierra 5 Station Index



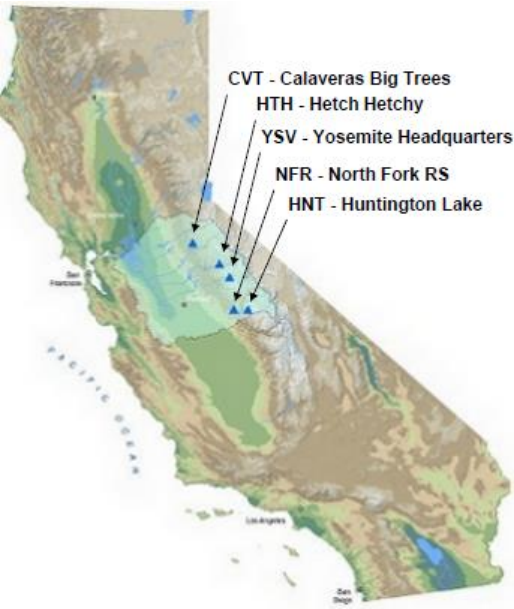
Annual Precipitation

Weak La Niña Annual Precipitation Central Sierra 5 Station Index



Central Sierra 5 Station Index

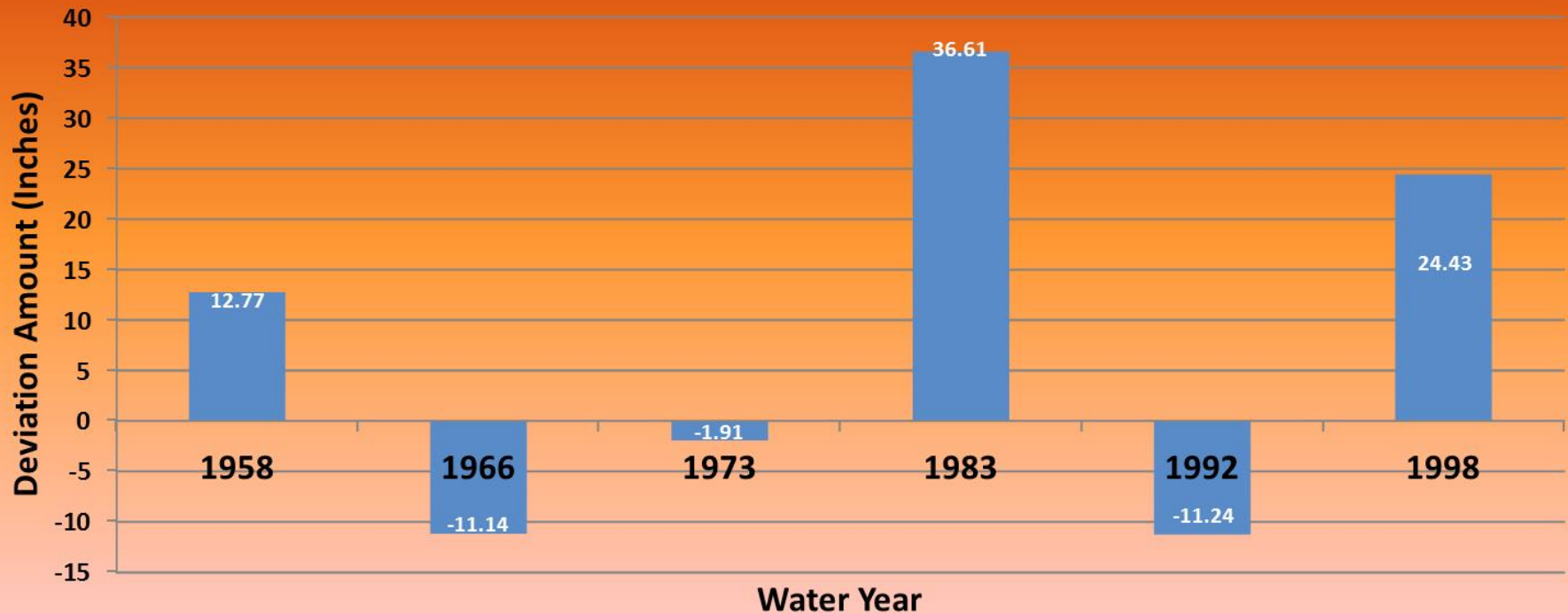
Difference From Normal



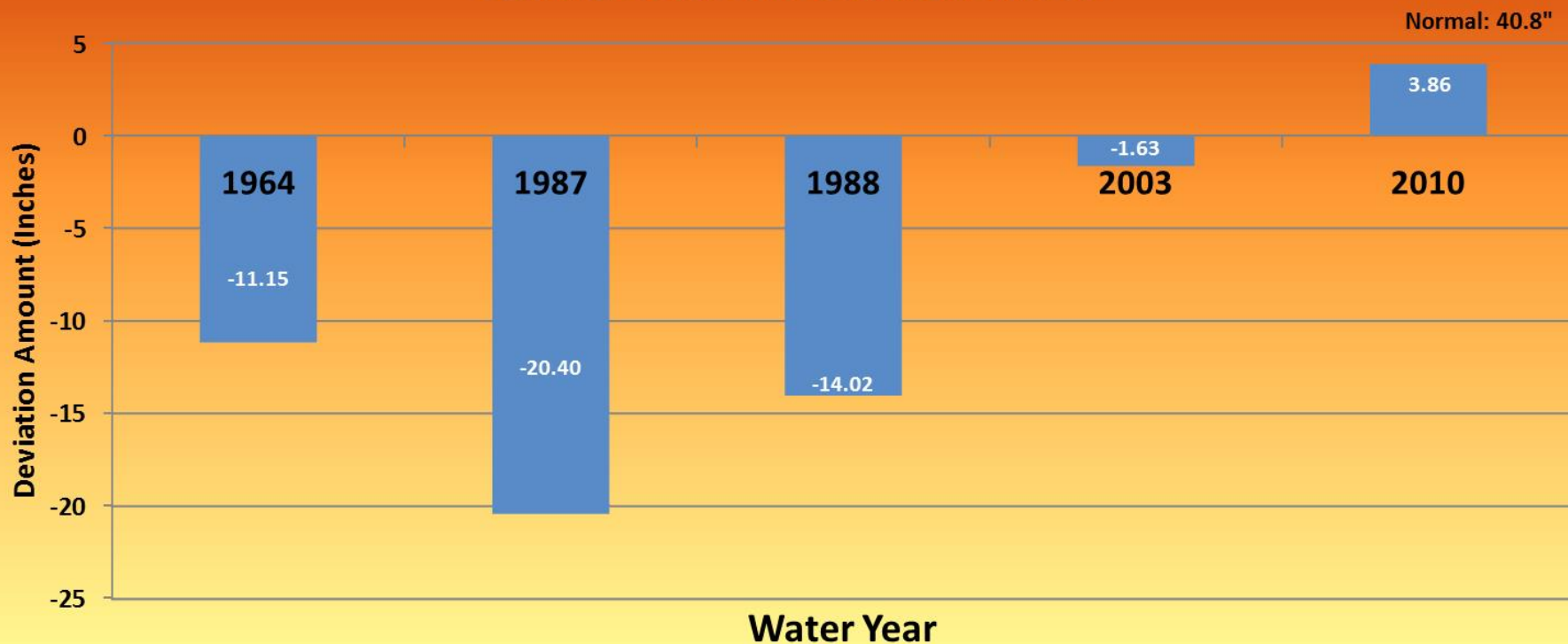
Average Annual Precip: 40.8"

Strong El Niño Difference From Normal Precipitation Central Sierra 5 Station Index

Normal: 40.8"

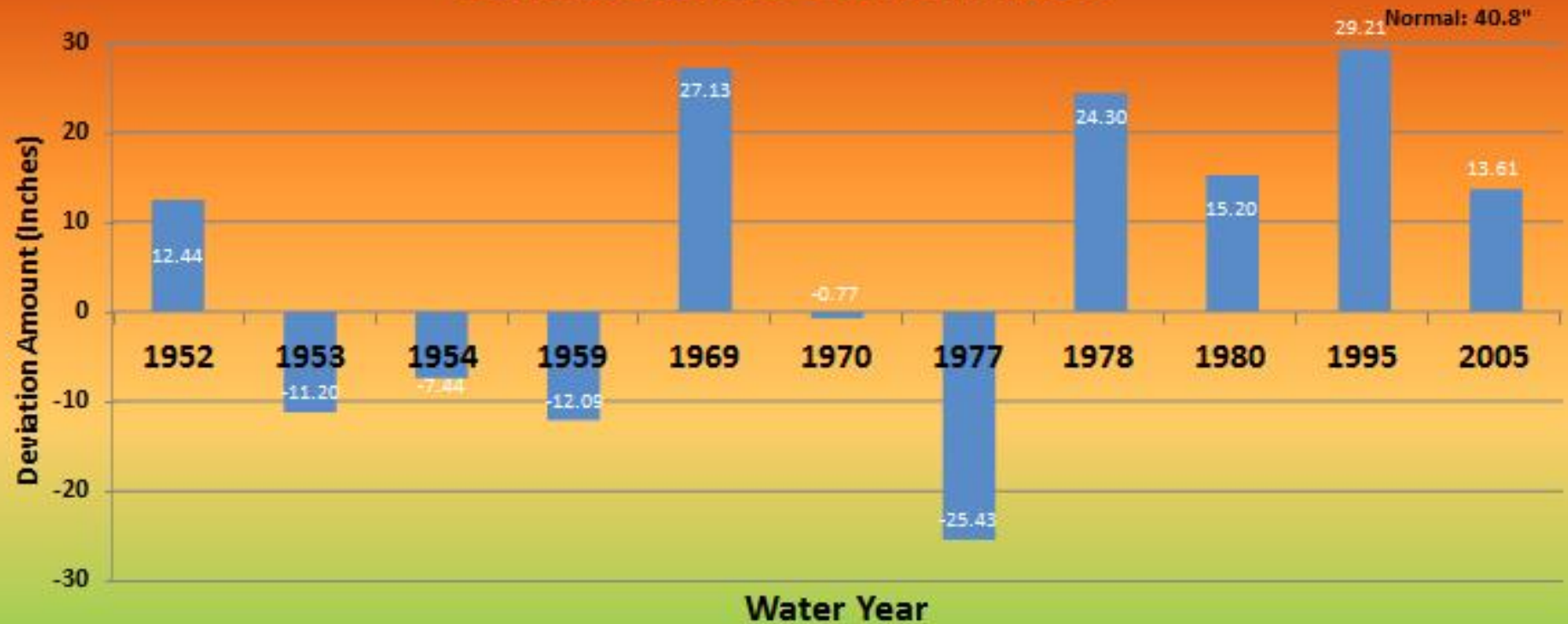


Moderate El Niño Difference From Normal Precipitation Central Sierra 5 Station Index



Difference From Normal

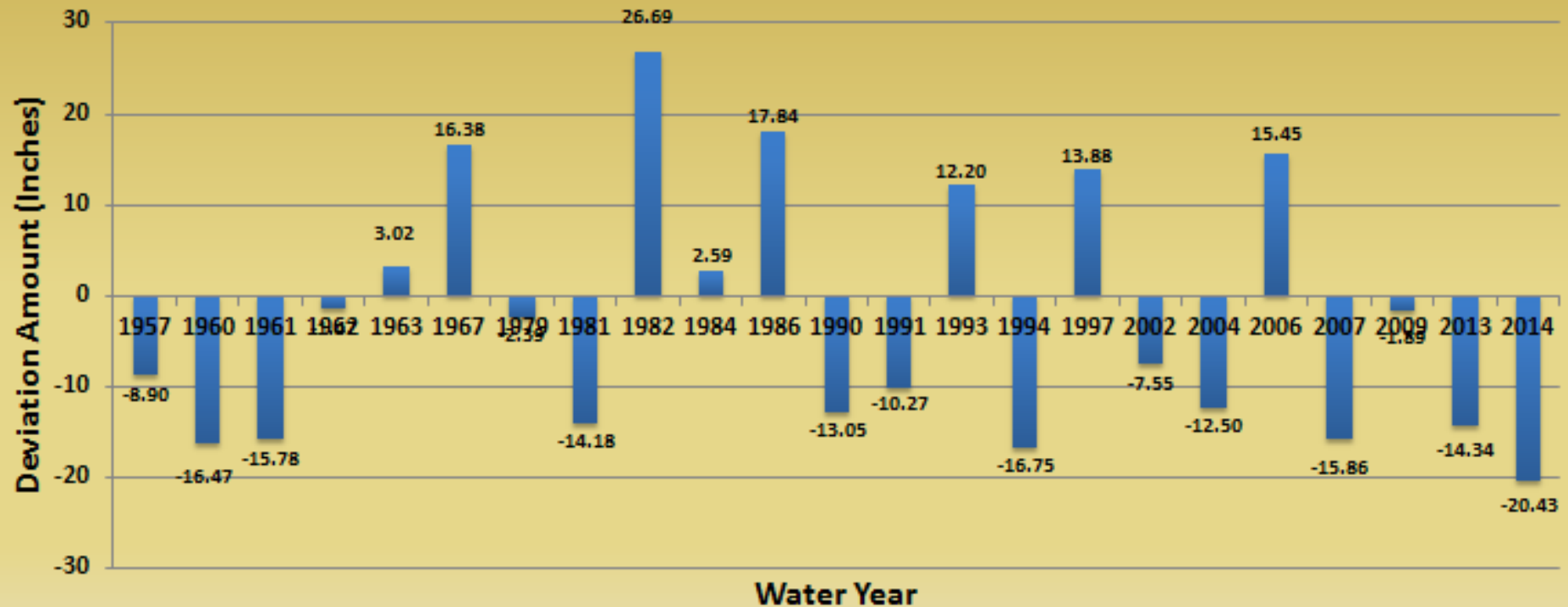
Weak El Niño Difference From Normal Precipitation Central Sierra 5 Station Index



Difference From Normal

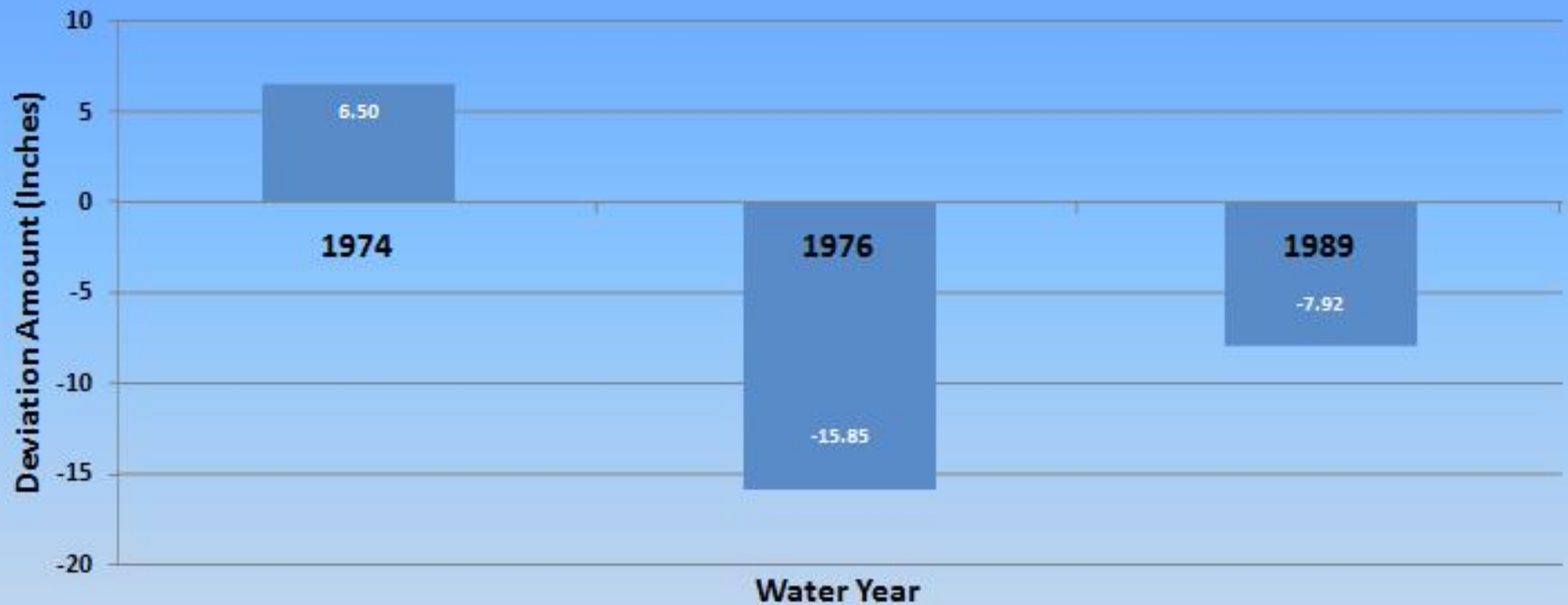
Neutral Difference From Normal Precipitation Central Sierra 5 Station Index

Normal: 40.8"



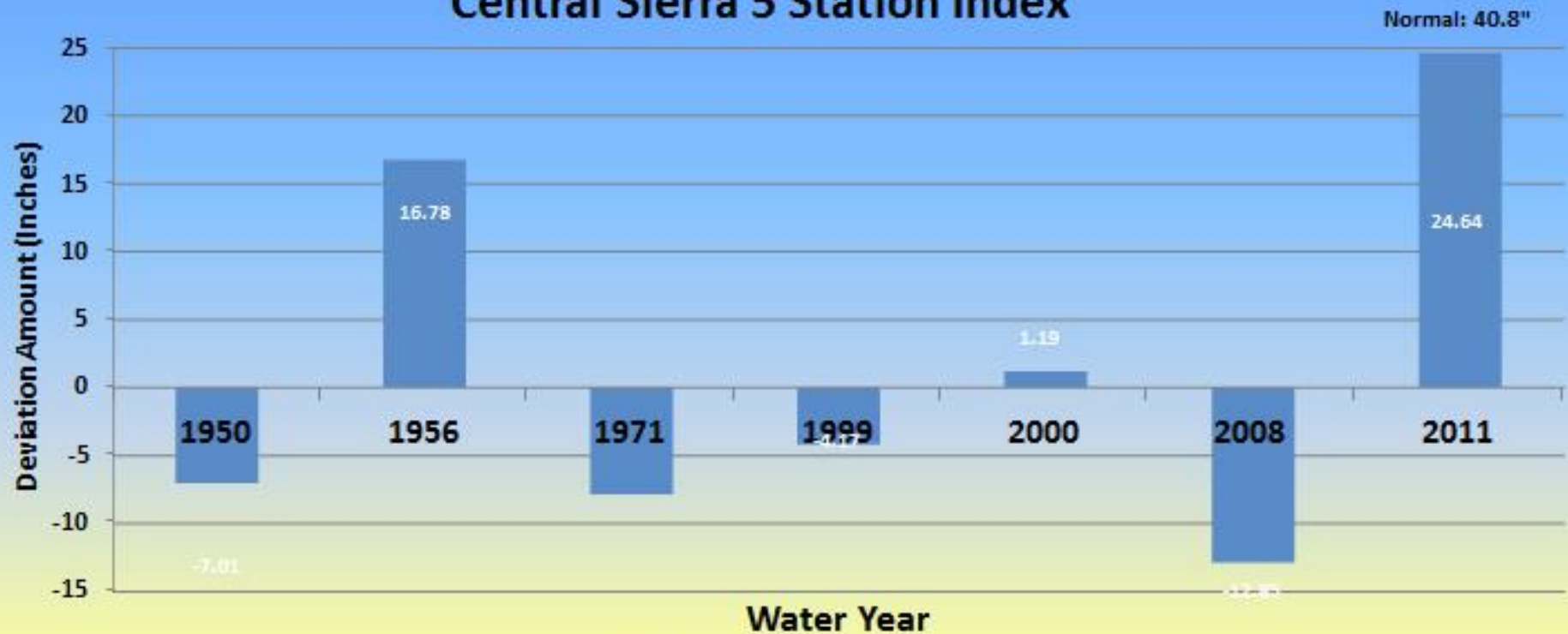
Strong La Niña Difference From Normal Precipitation Central Sierra 5 Station Index

Normal: 40.8"

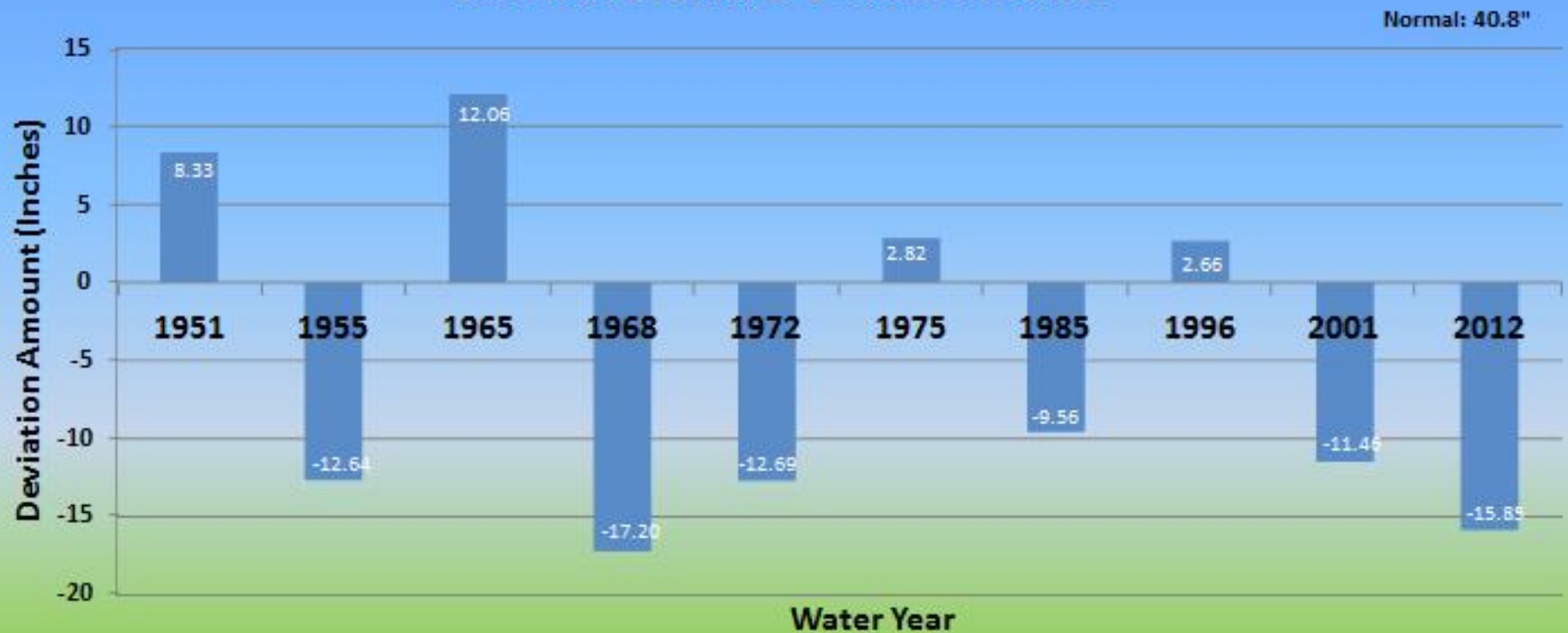


Difference From Normal

Moderate La Niña Difference From Normal Precipitation Central Sierra 5 Station Index

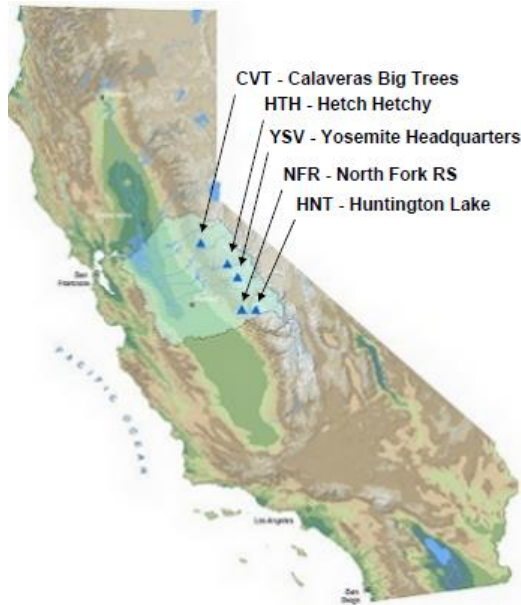


Weak La Niña Difference From Normal Precipitation Central Sierra 5 Station Index



Central Sierra 5 Station Index

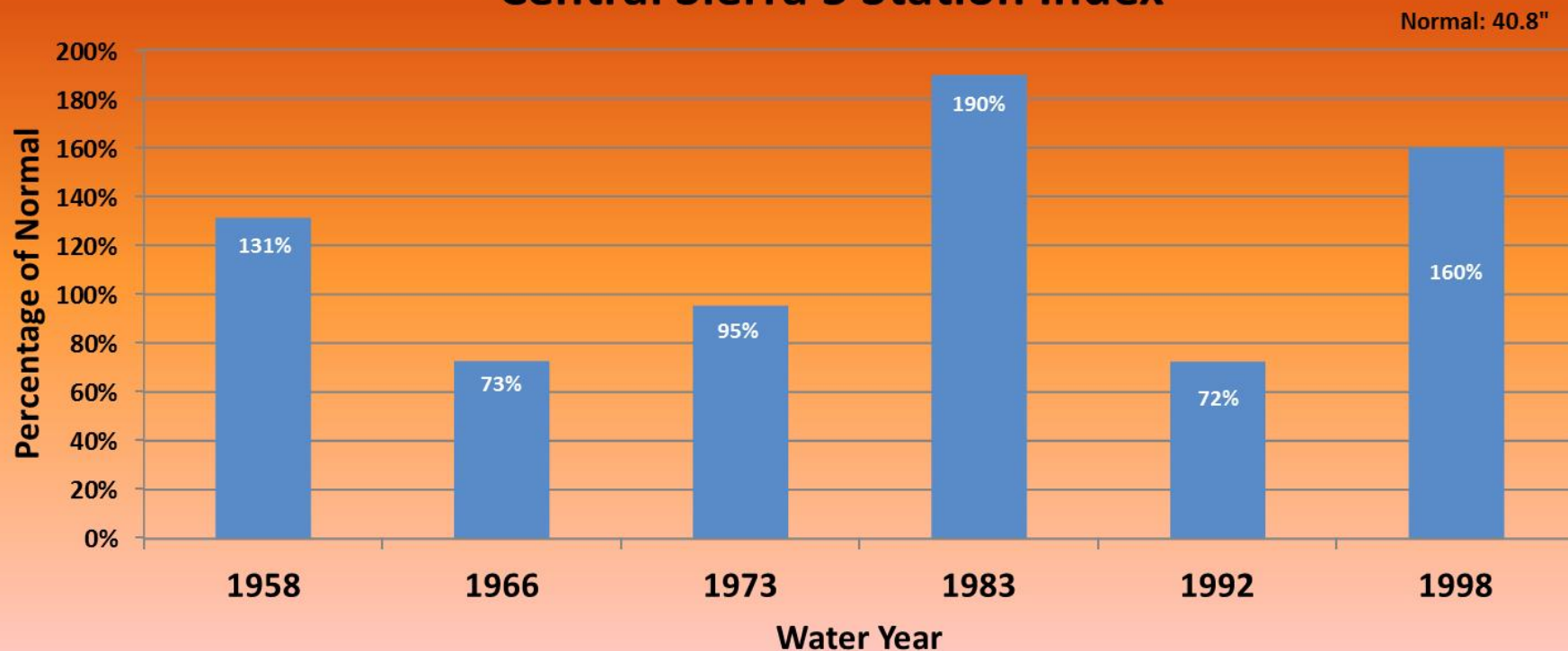
% of Normal Precip



Average Annual Precip: 40.8"

% of Normal Precip

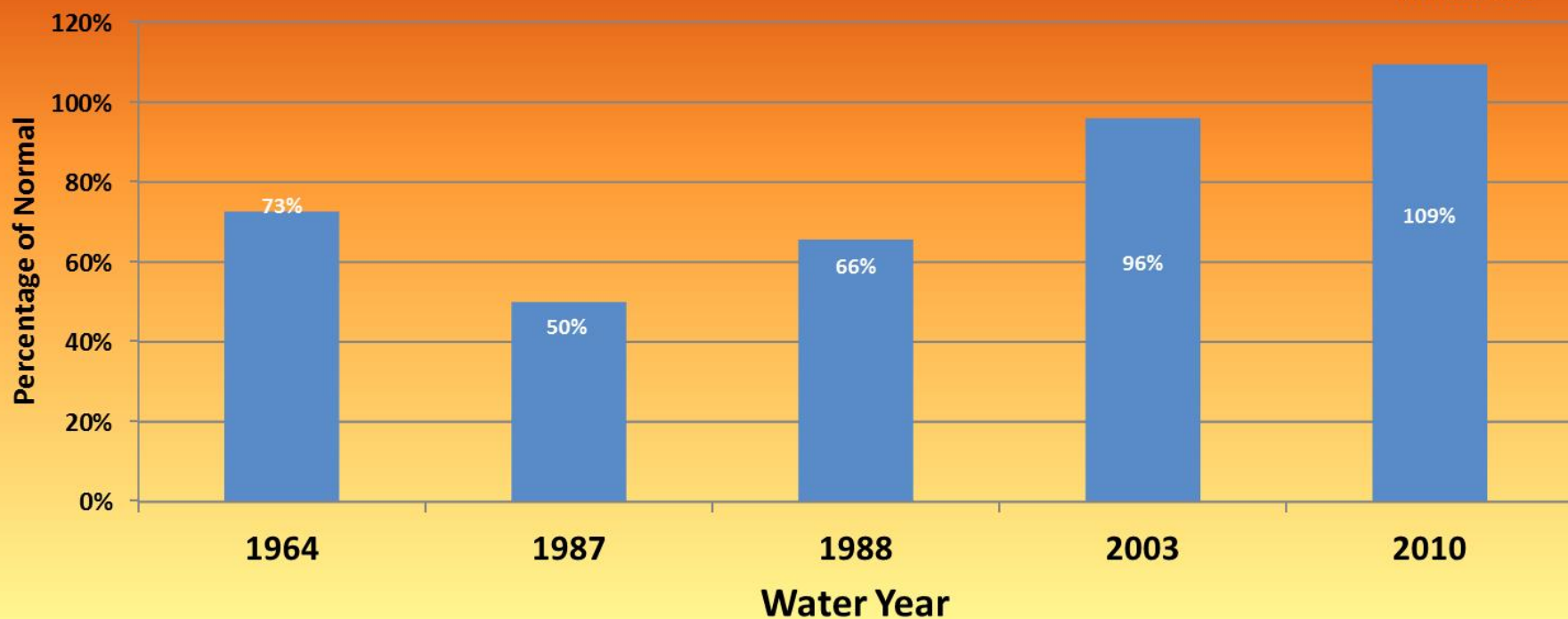
Strong El Niño Percentage of Normal Precipitation Central Sierra 5 Station Index



% of Normal Precip

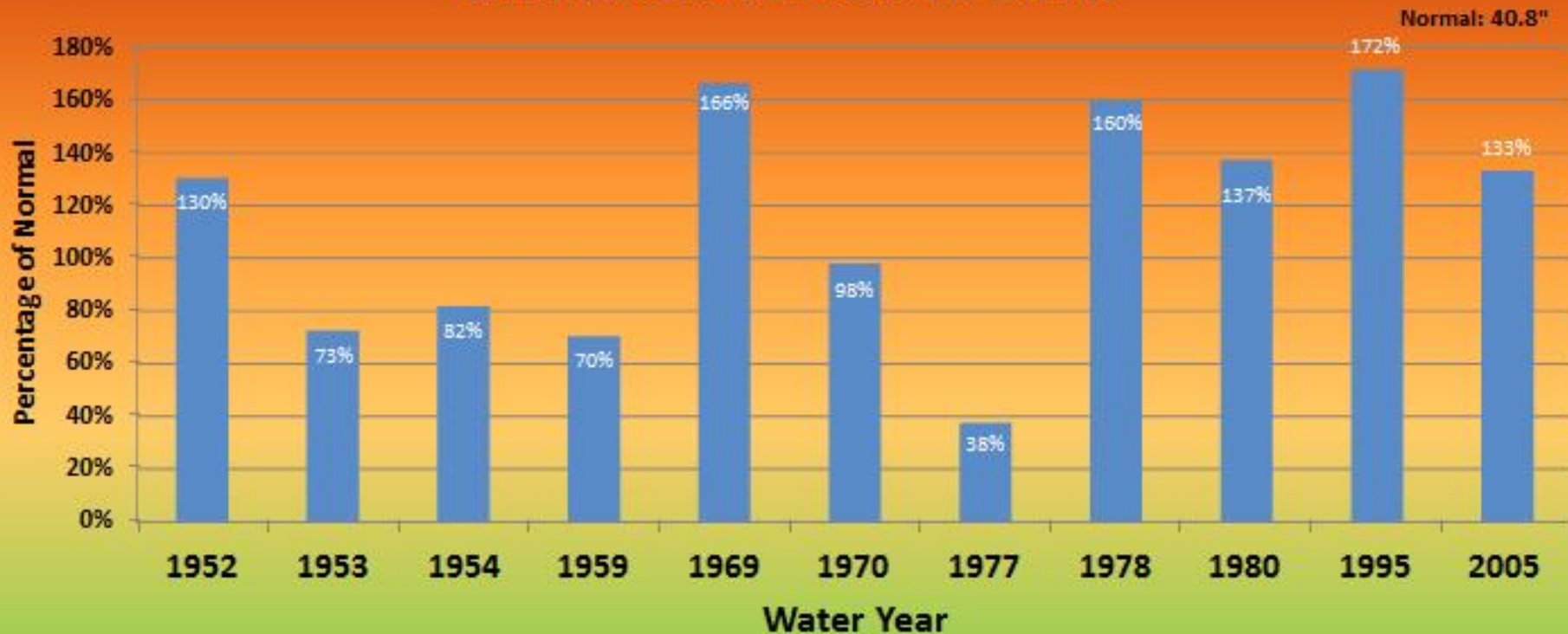
Moderate El Niño Percentage of Normal Precipitation Central Sierra 5 Station Index

Normal: 40.8"



% of Normal Precip

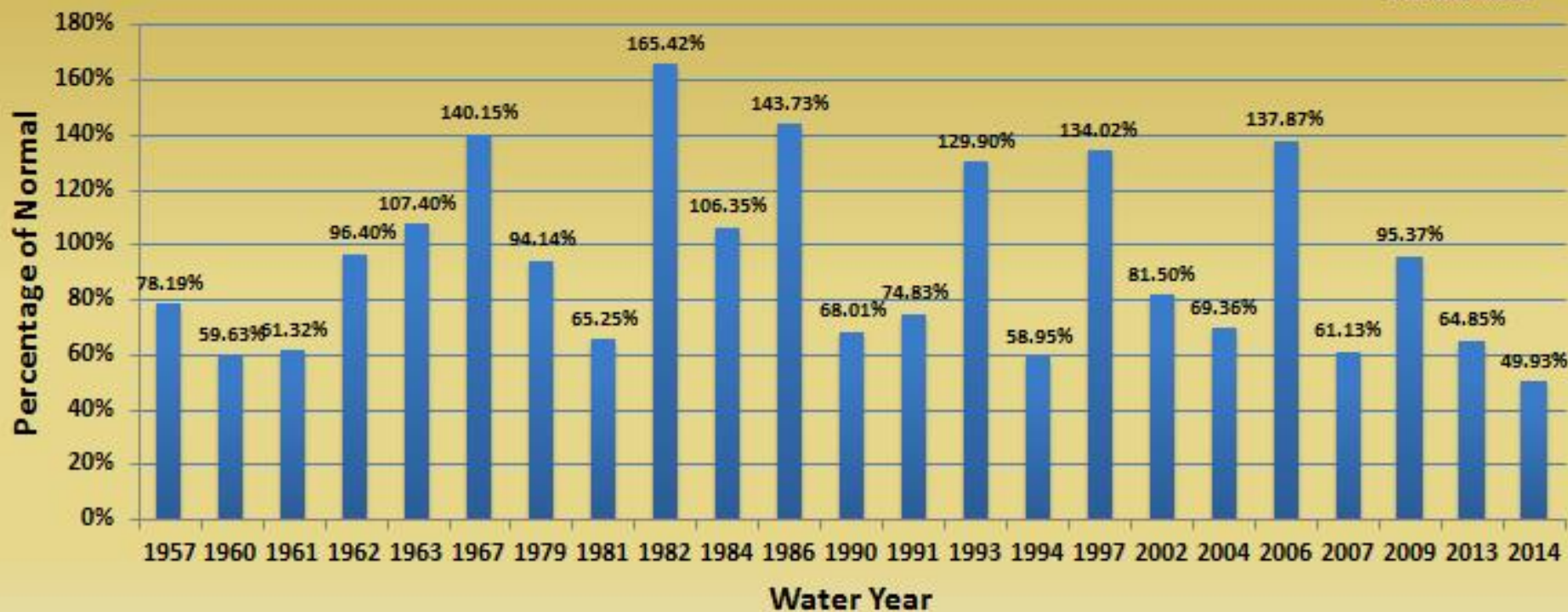
Weak El Niño Percentage of Normal Precipitation Central Sierra 5 Station Index



% of Normal Precip

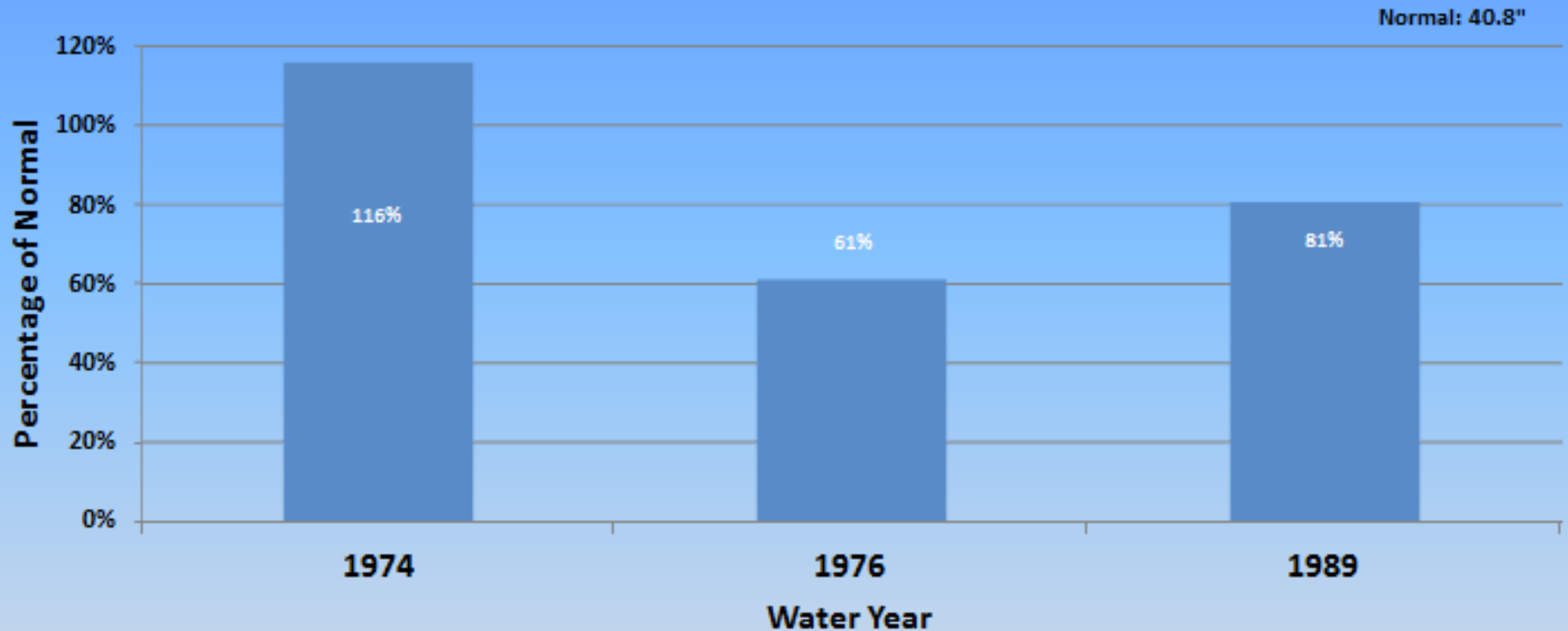
Neutral Percentage of Normal Precipitation Central Sierra 5 Station Index

Normal: 40.8"



% of Normal Precip

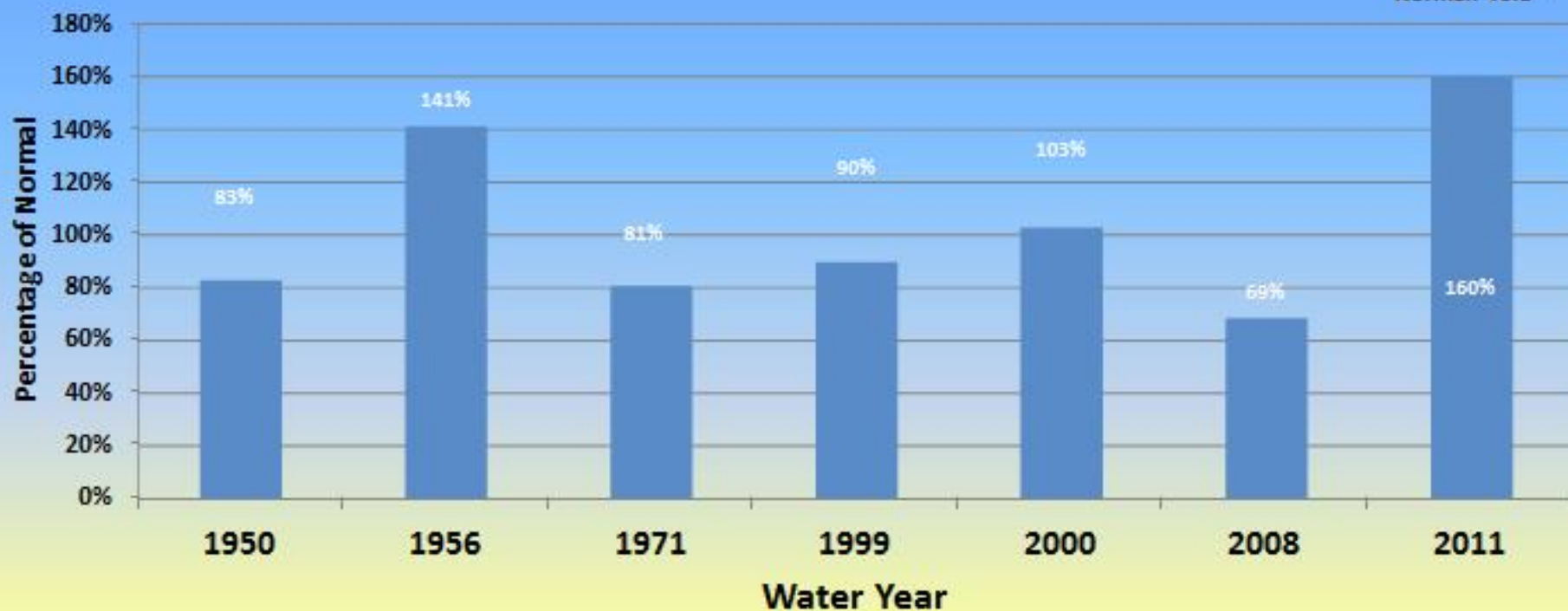
Strong La Niña Percentage of Normal Precipitation Central Sierra 5 Station Index



% of Normal Precip

Moderate La Niña Percentage of Normal Precipitation Central Sierra 5 Station Index

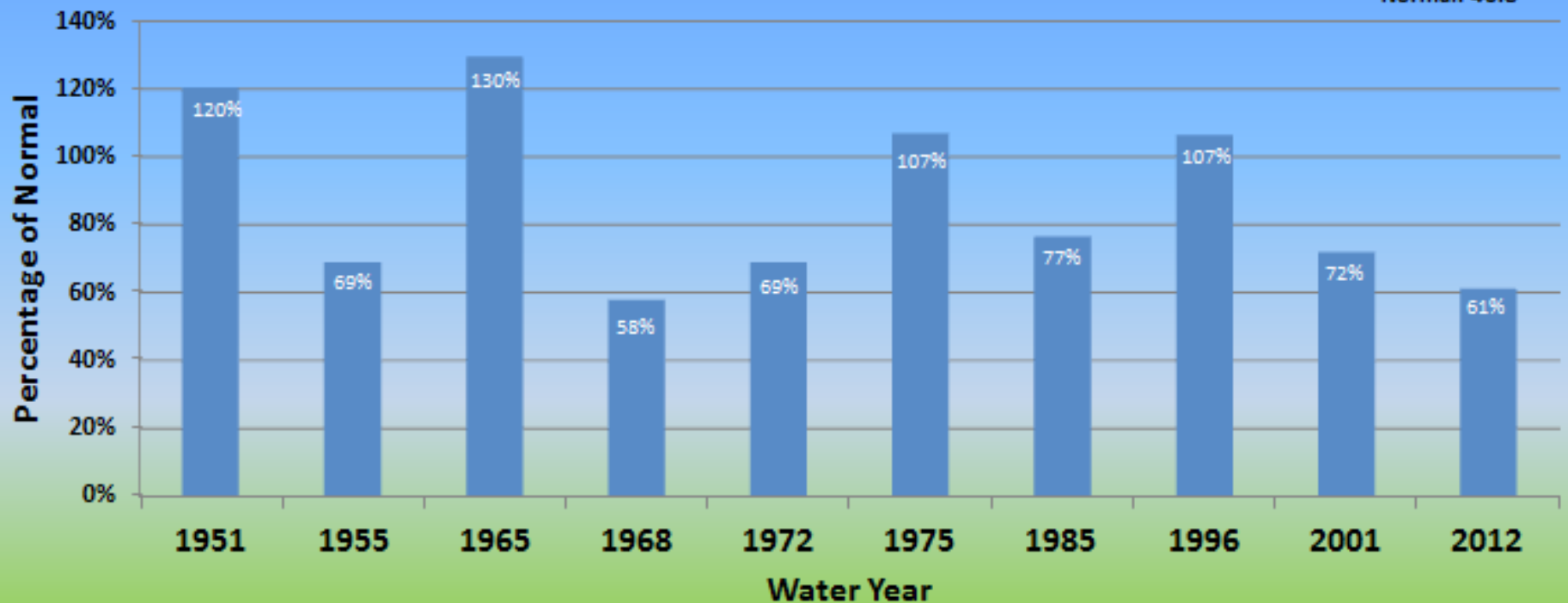
Normal: 40.8"



% of Normal Precip

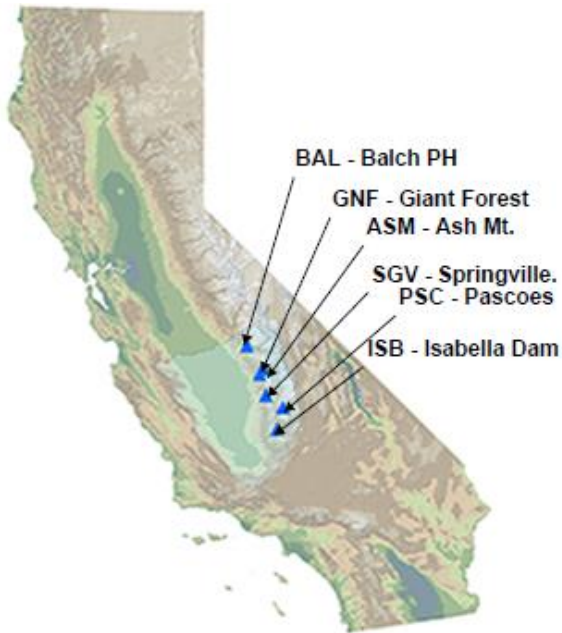
Weak La Niña Percentage of Normal Precipitation Central Sierra 5 Station Index

Normal: 40.8"



Southern Sierra 6 Station Index

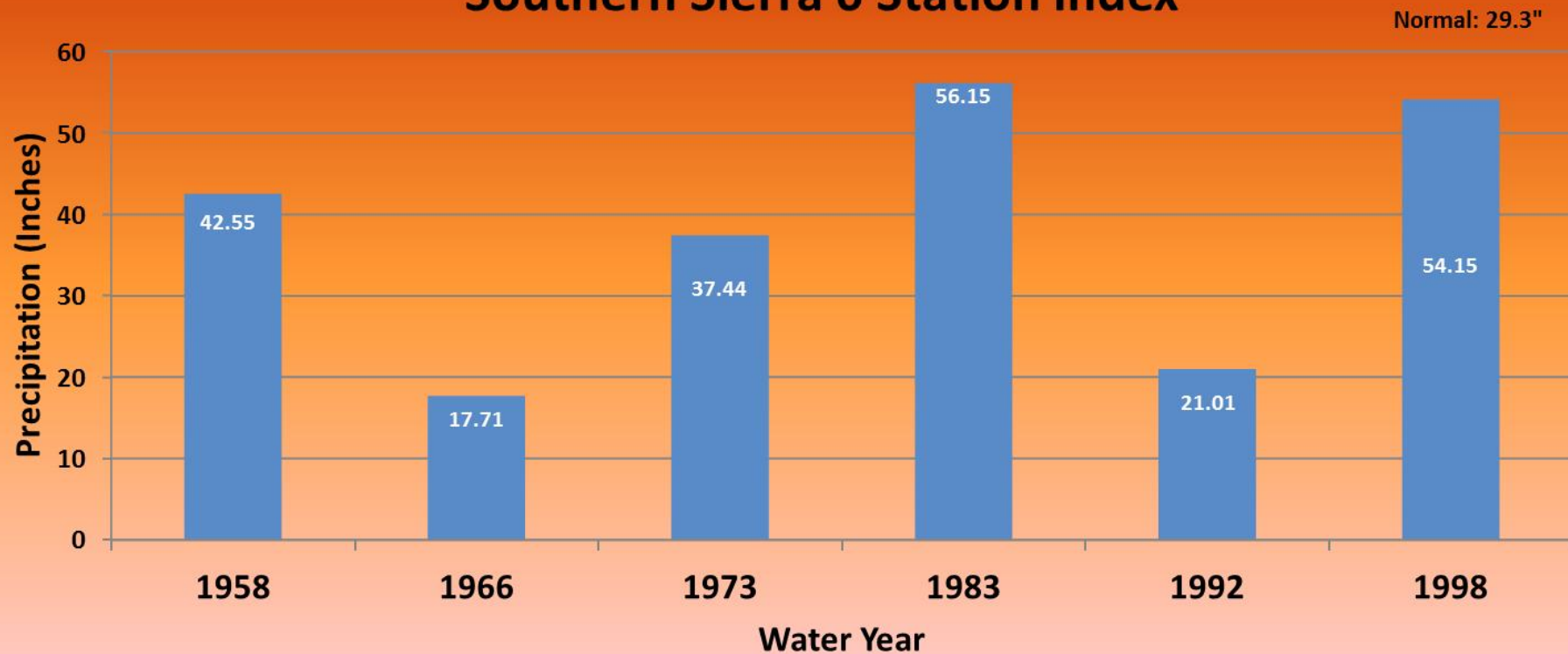
Annual Precipitation



Average Annual Precip: 29.3"

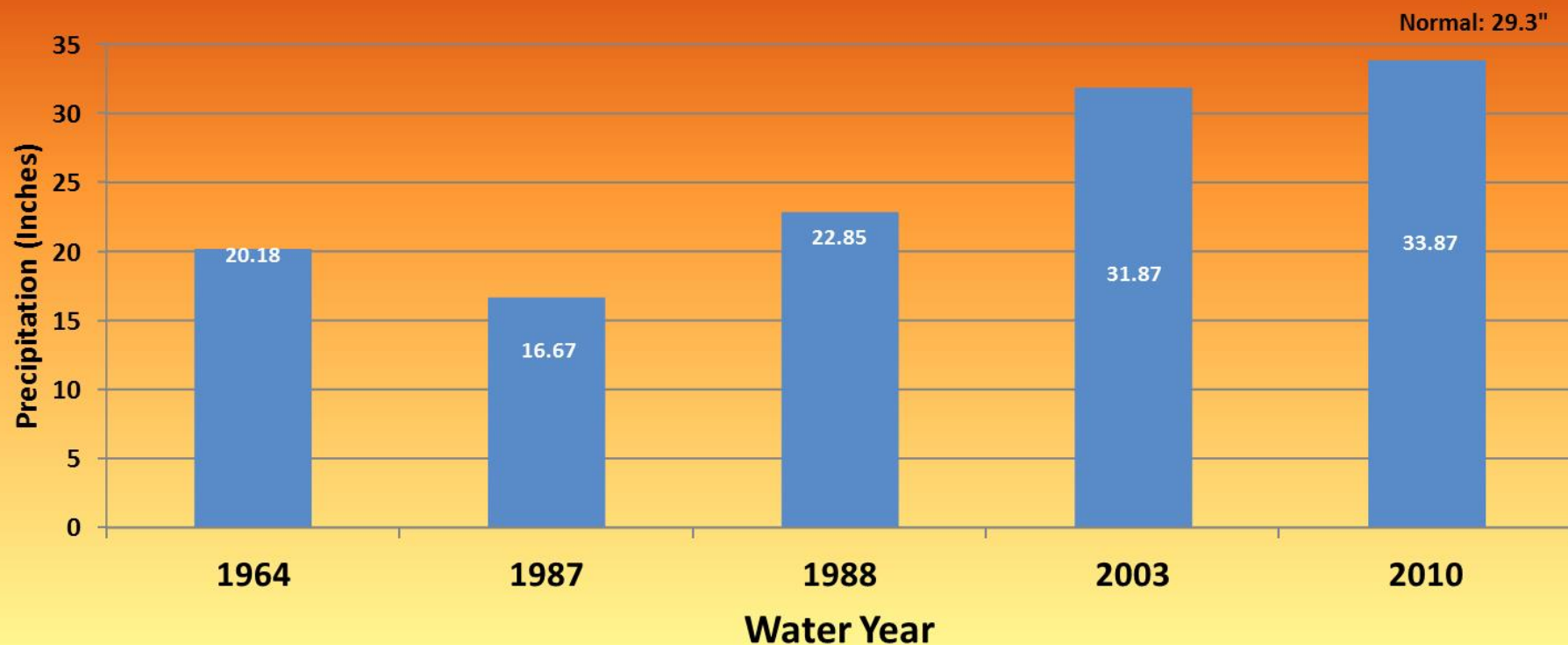
Annual Precipitation

Strong El Niño Annual Precipitation Southern Sierra 6 Station Index



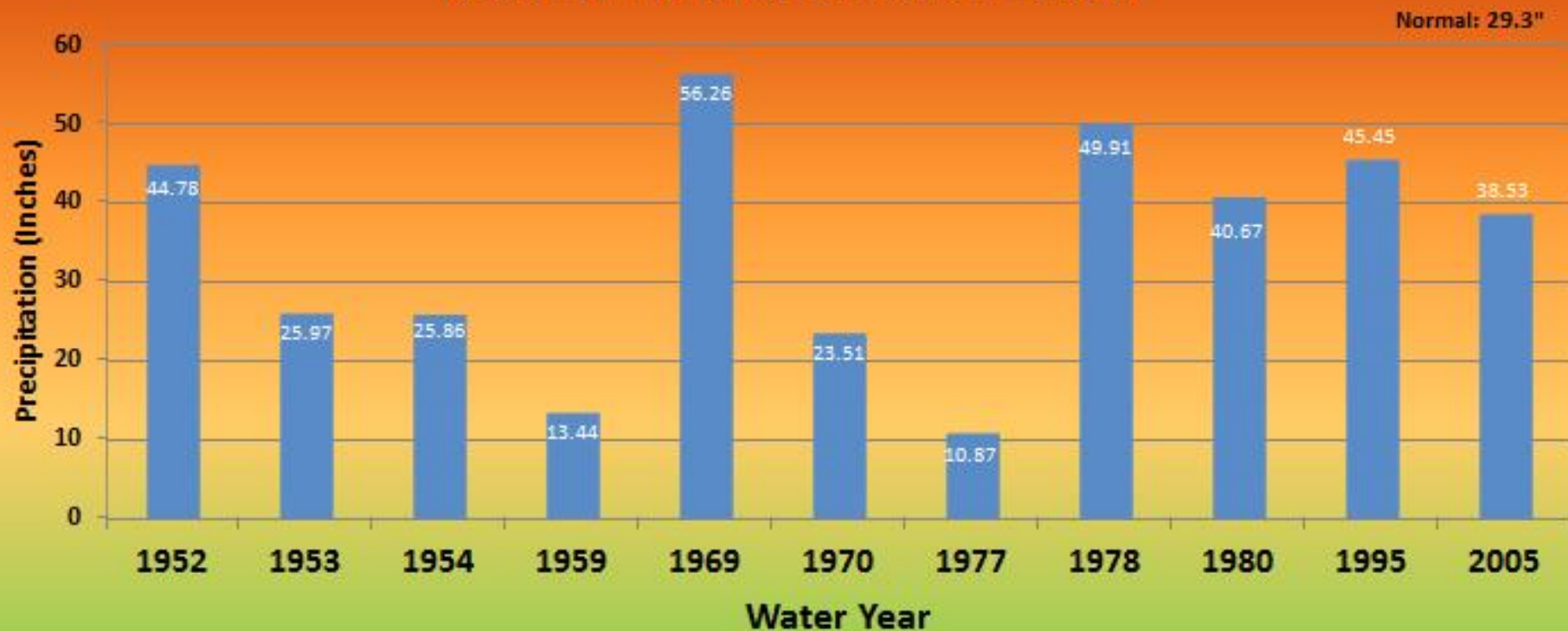
Annual Precipitation

Moderate El Niño Annual Precipitation Southern Sierra 6 Station Index



Annual Precipitation

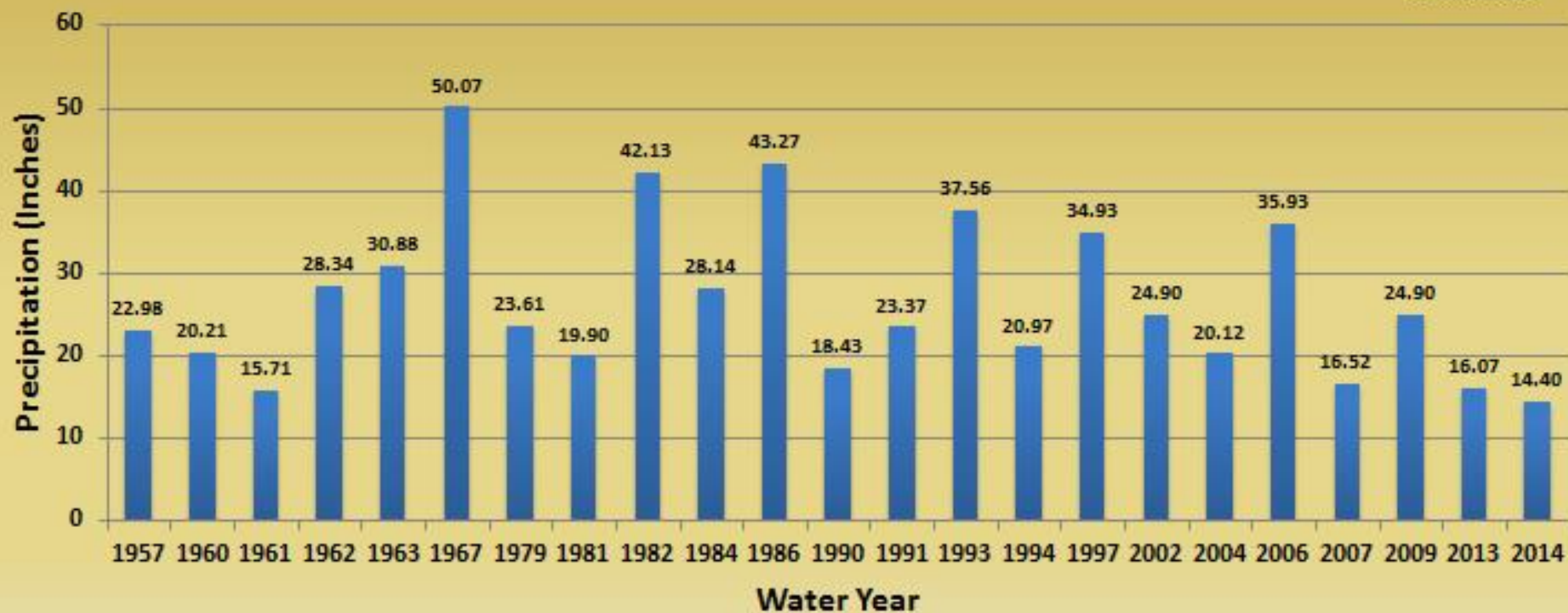
Weak El Niño Annual Precipitation Southern Sierra 6 Station Index



Annual Precipitation

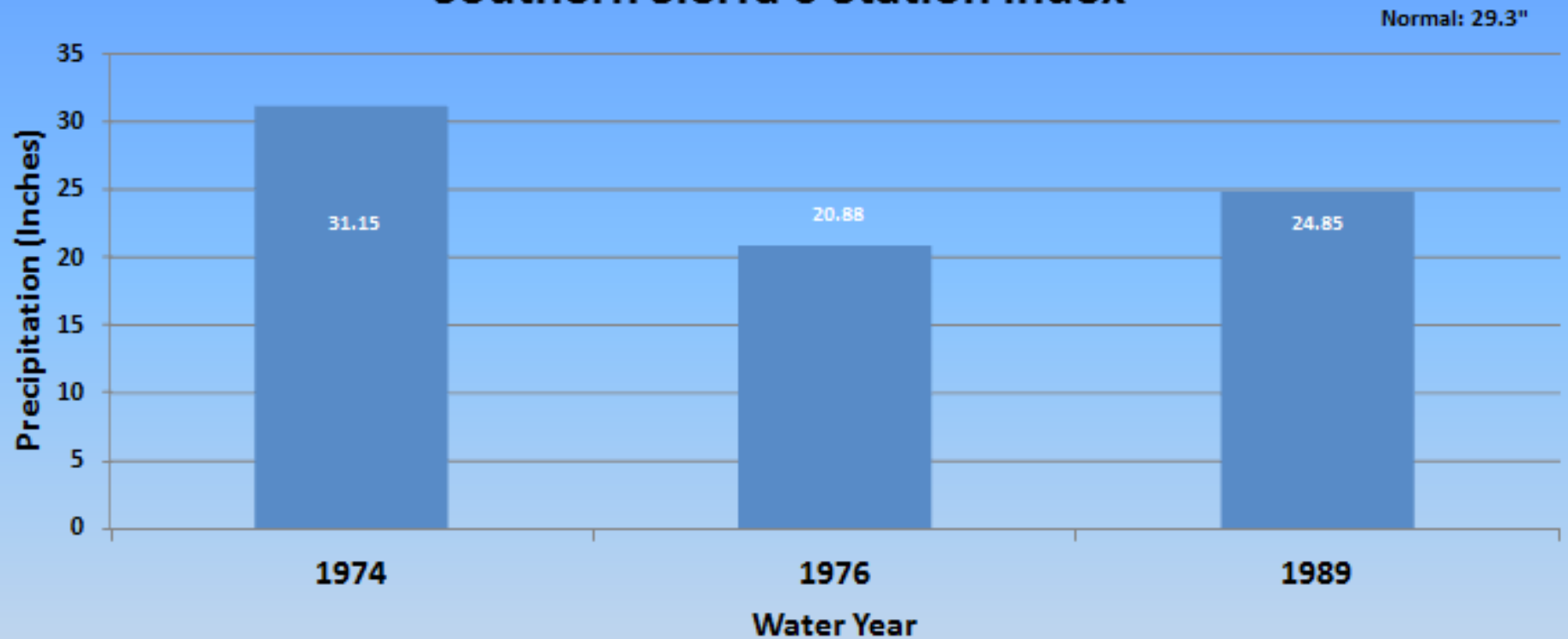
Neutral Annual Precipitation Southern Sierra 6 Station Index

Normal: 29.3"



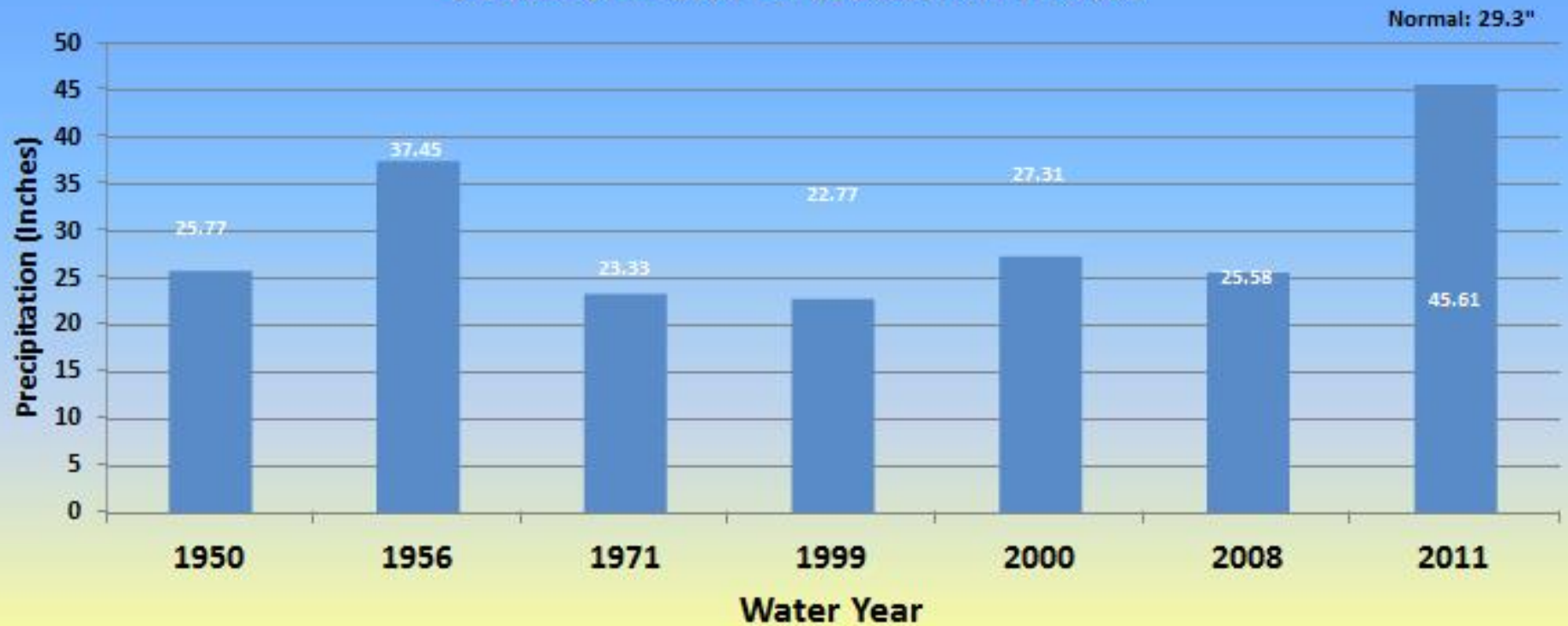
Annual Precipitation

Strong La Niña Annual Precipitation Southern Sierra 6 Station Index



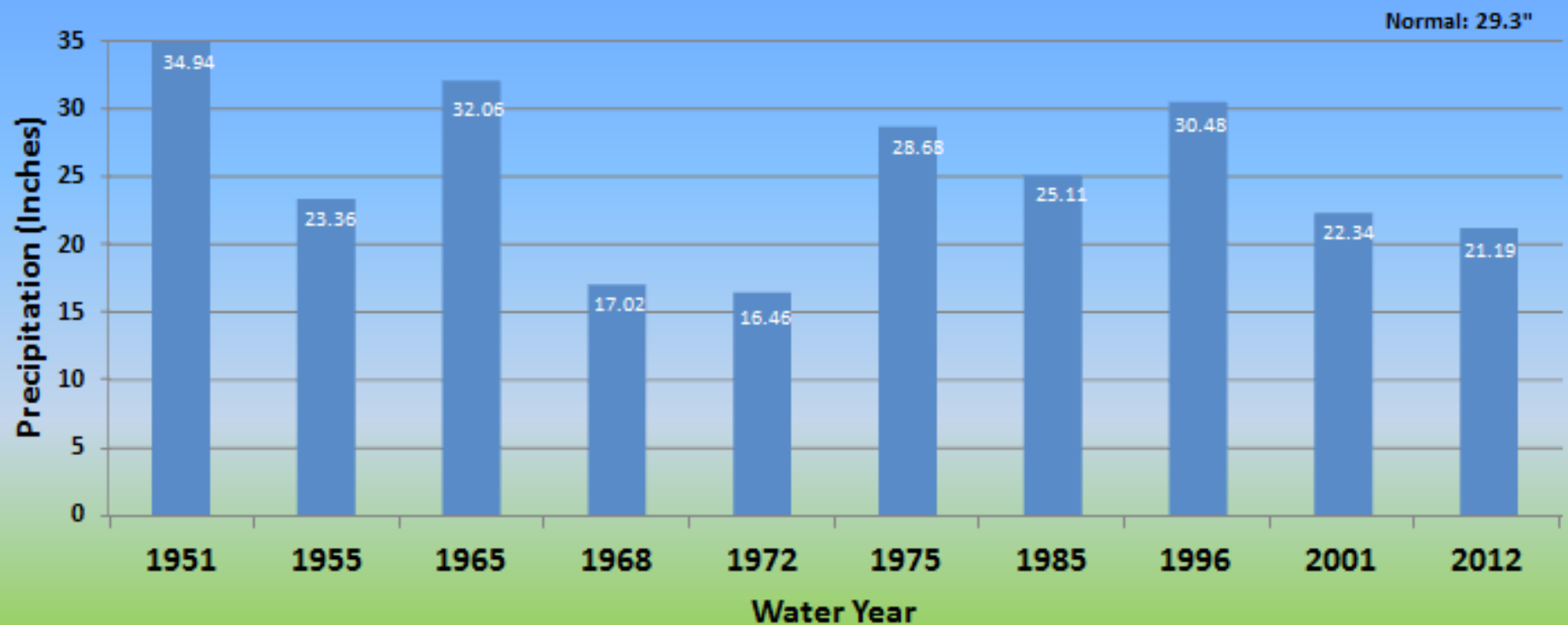
Annual Precipitation

Moderate La Niña Annual Precipitation Southern Sierra 6 Station Index



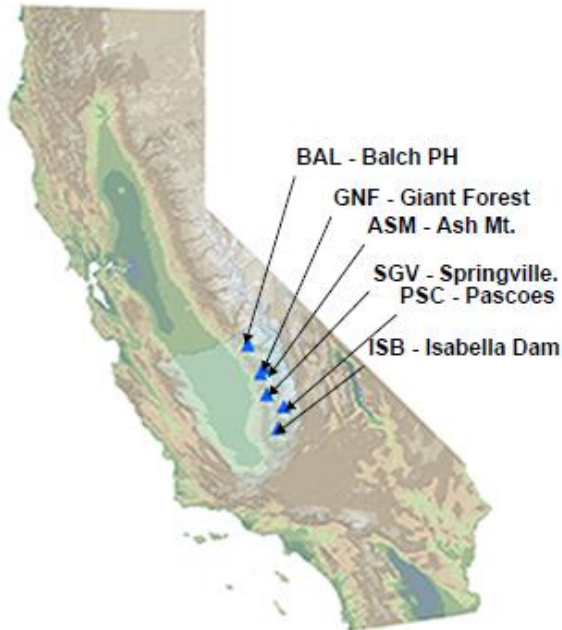
Annual Precipitation

Weak La Niña Annual Precipitation Southern Sierra 6 Station Index



Southern Sierra 6 Station Index

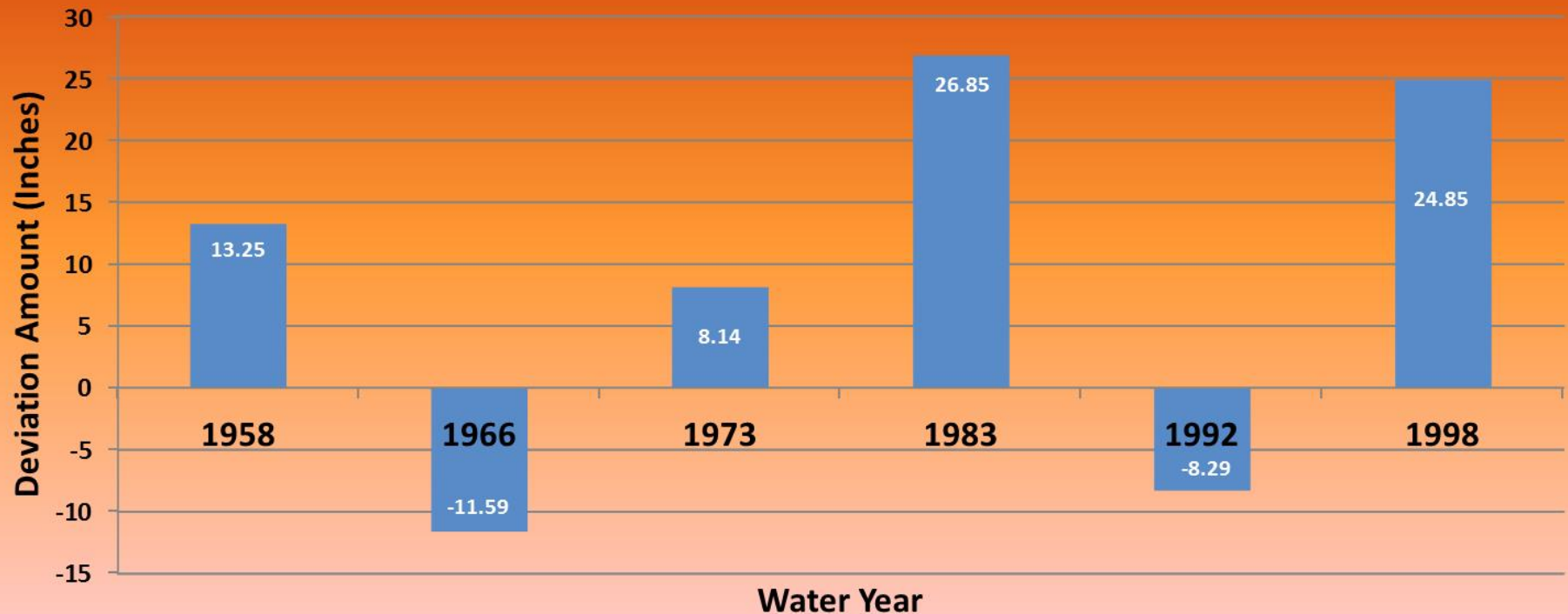
Difference From Normal



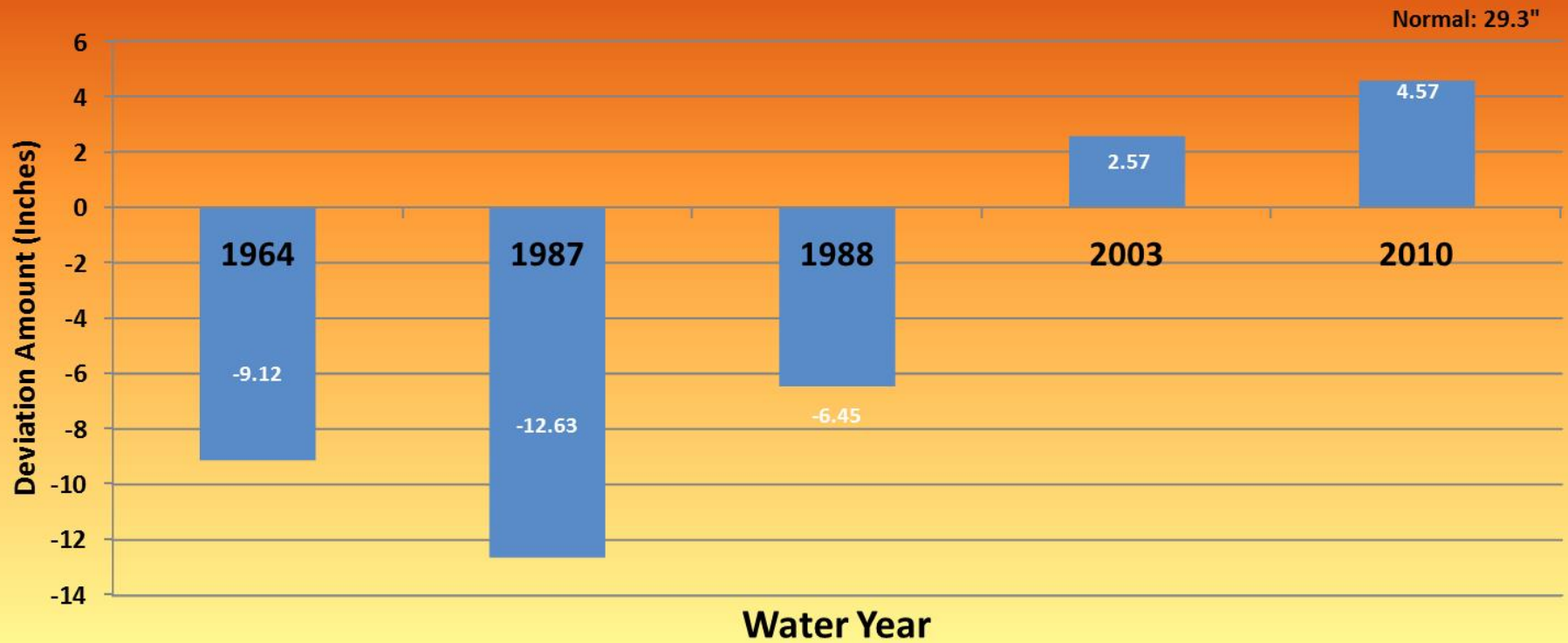
Average Annual Precip: 29.3"

Strong El Niño Difference From Normal Precipitation Southern Sierra 6 Station Index

Normal: 29.3"

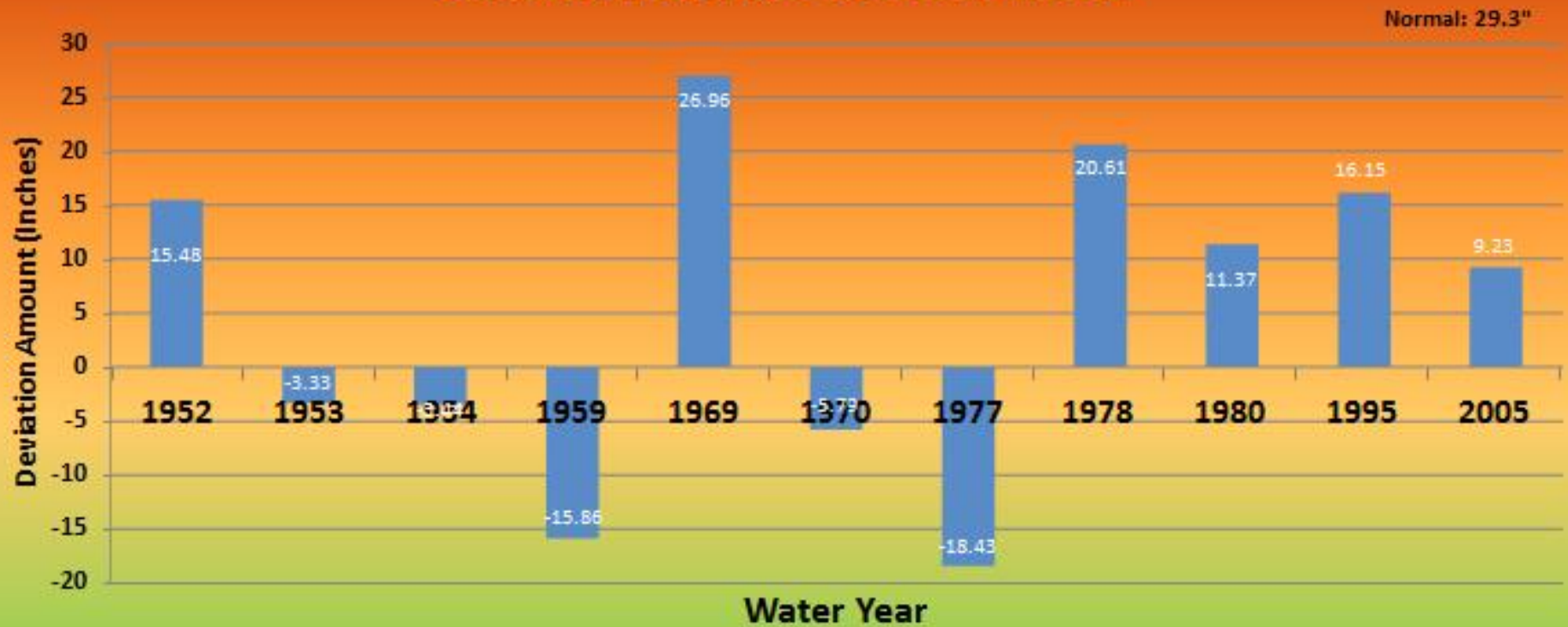


Moderate El Niño Difference From Normal Precipitation Southern Sierra 6 Station Index



Difference From Normal

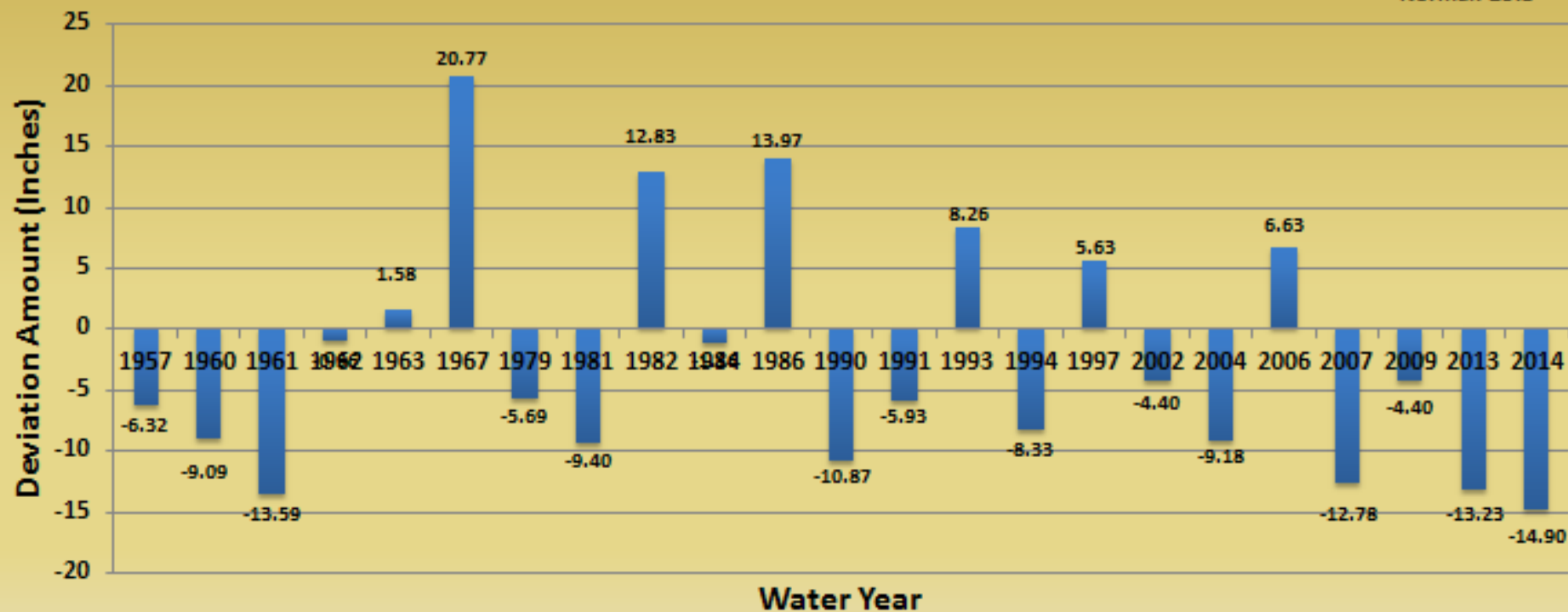
Weak El Niño Difference From Normal Precipitation Southern Sierra 6 Station Index



Difference From Normal

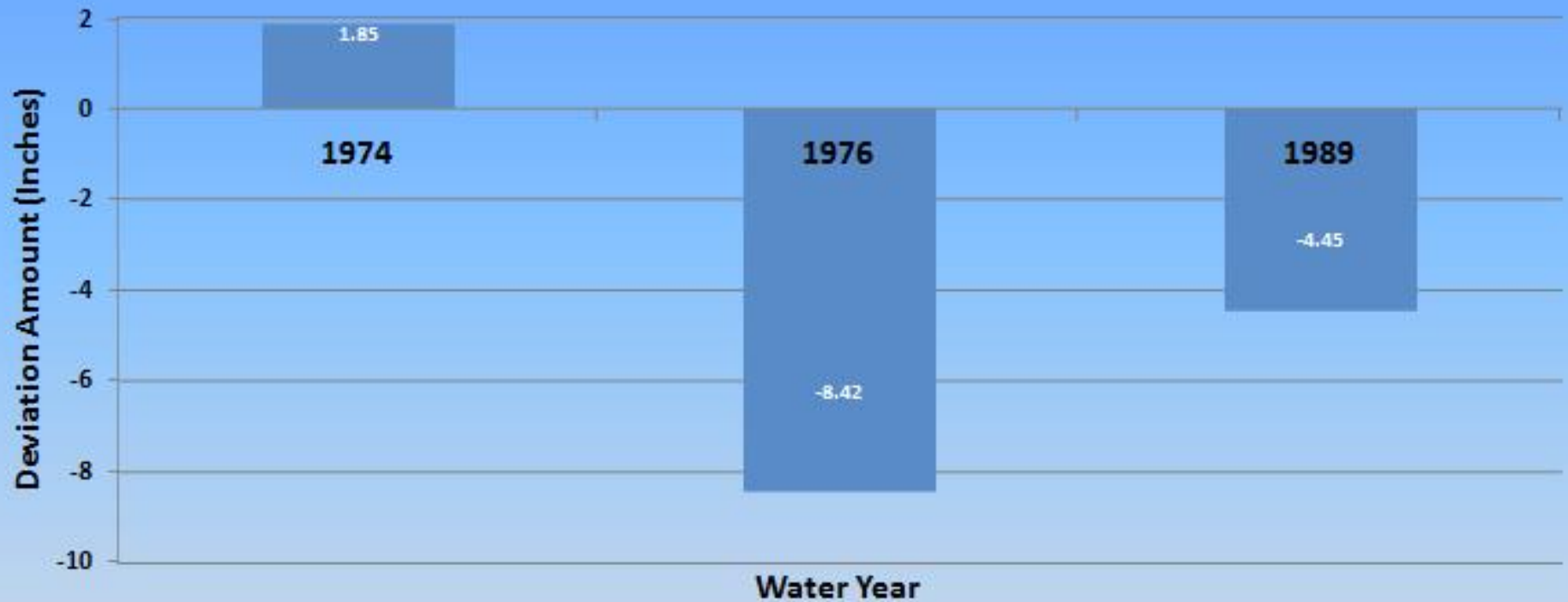
Neutral Difference From Normal Precipitation Southern Sierra 6 Station Index

Normal: 29.3"



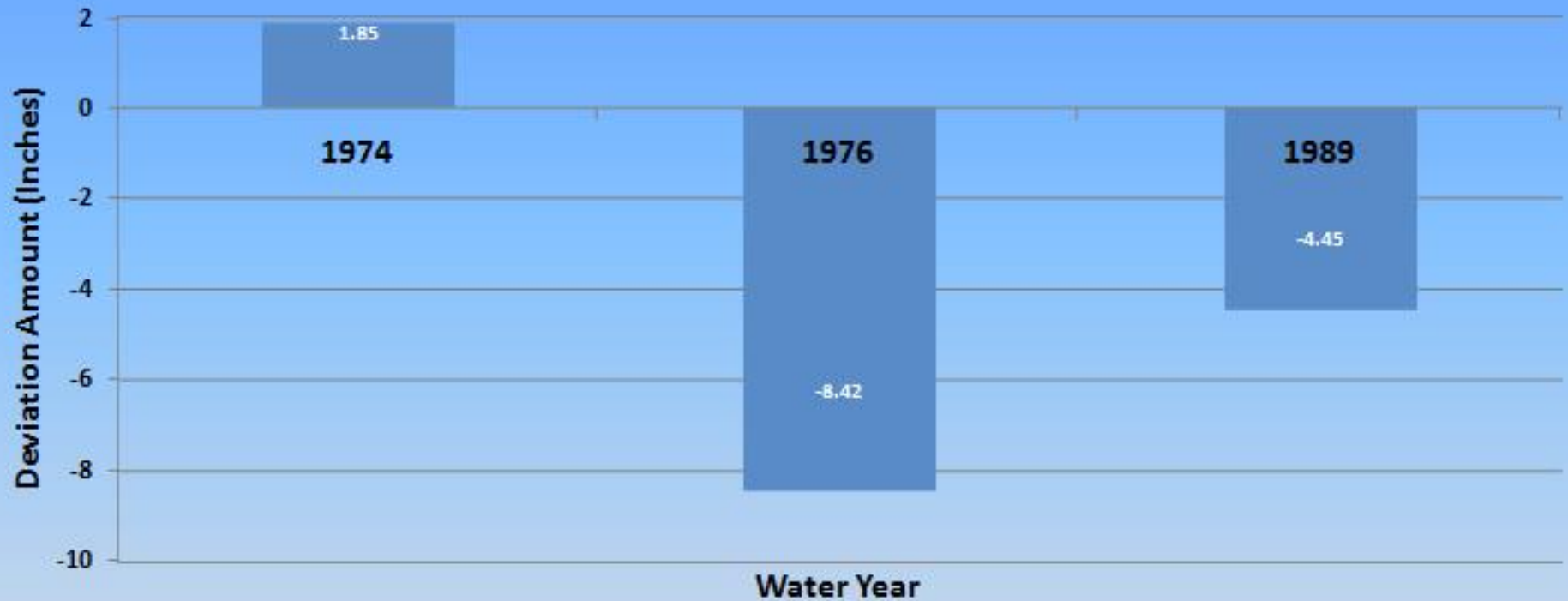
Strong La Niña Difference From Normal Precipitation Southern Sierra 6 Station Index

Normal: 29.3"



Strong La Niña Difference From Normal Precipitation Southern Sierra 6 Station Index

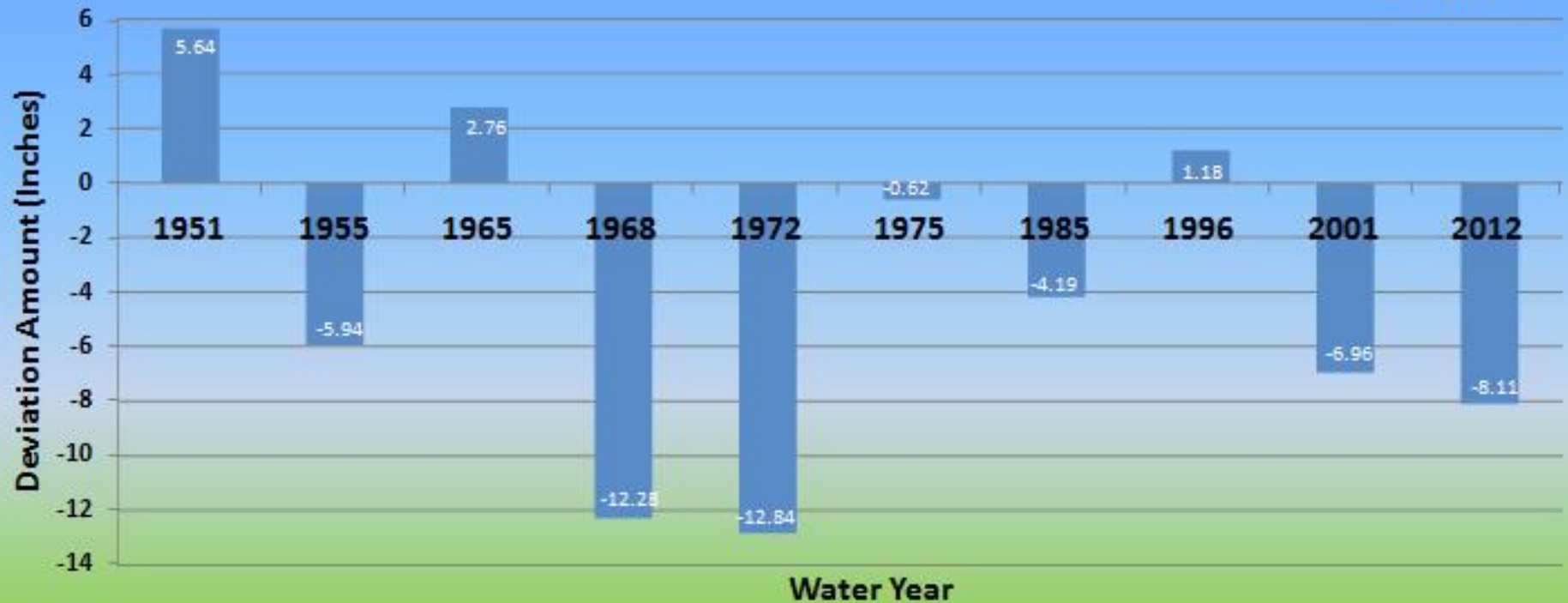
Normal: 29.3"



Difference From Normal

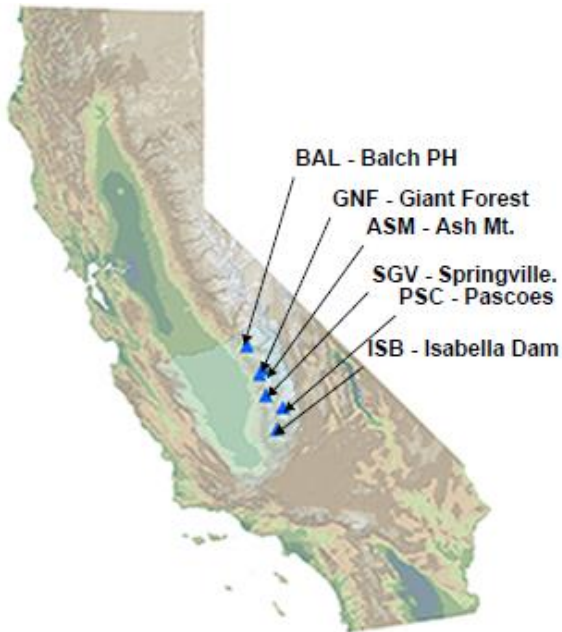
Weak La Niña Difference From Normal Precipitation Southern Sierra 6 Station Index

Normal: 29.3"



Southern Sierra 6 Station Index

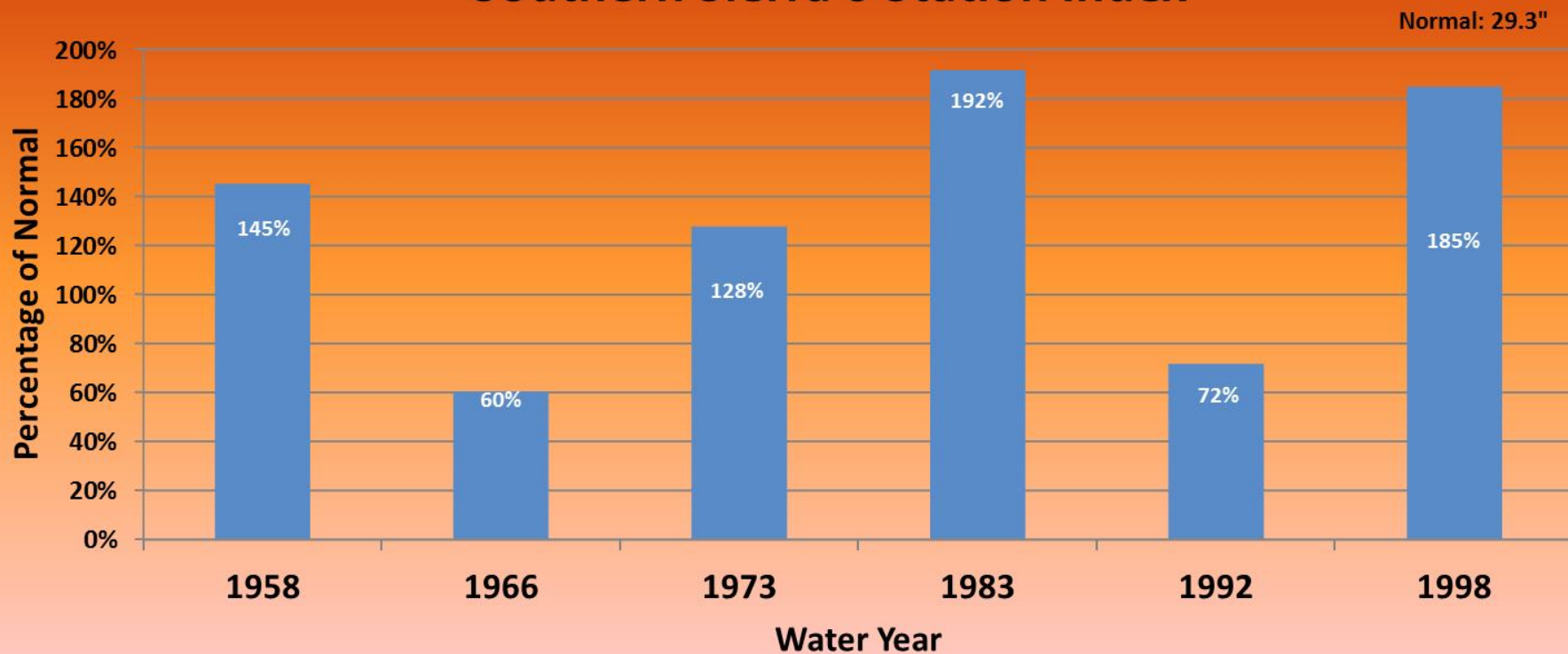
% of Normal Precip



Average Annual Precip: 29.3"

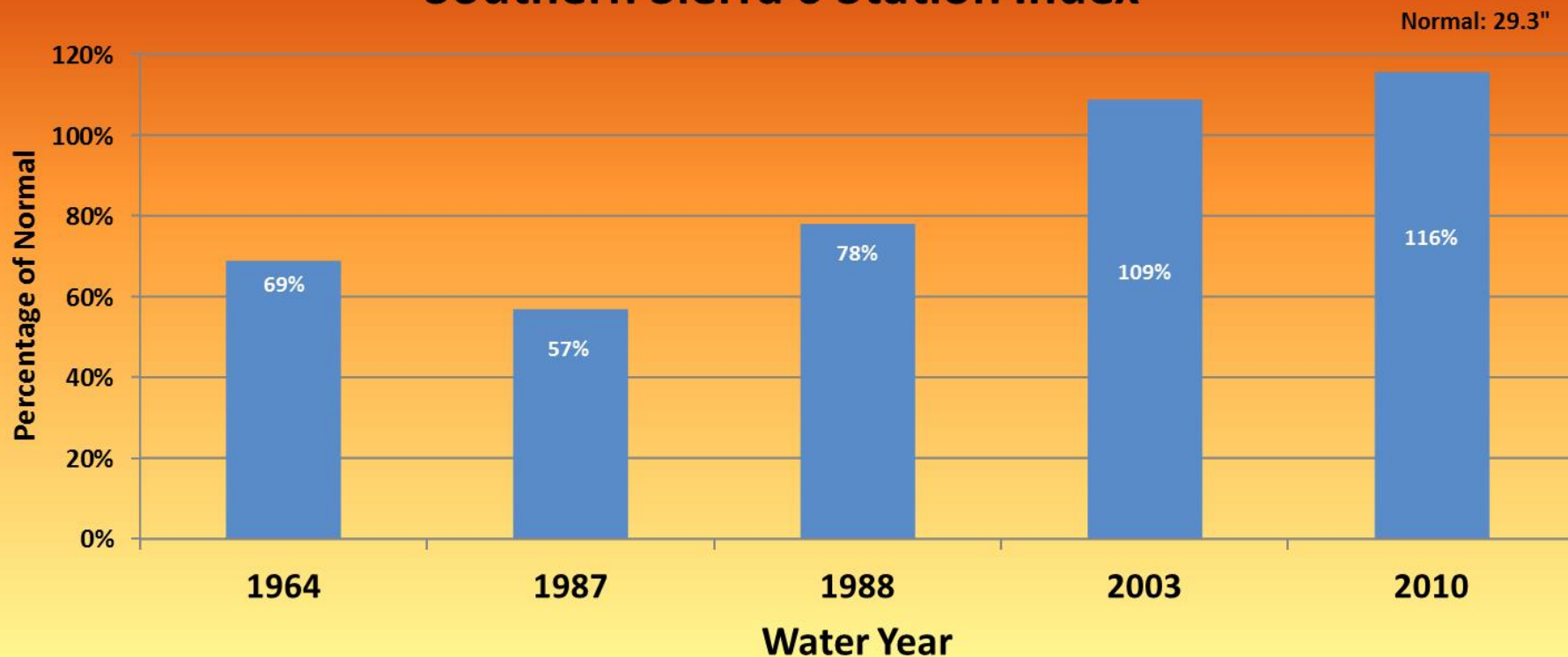
% of Normal Precip

Strong El Niño Percentage of Normal Precipitation Southern Sierra 6 Station Index



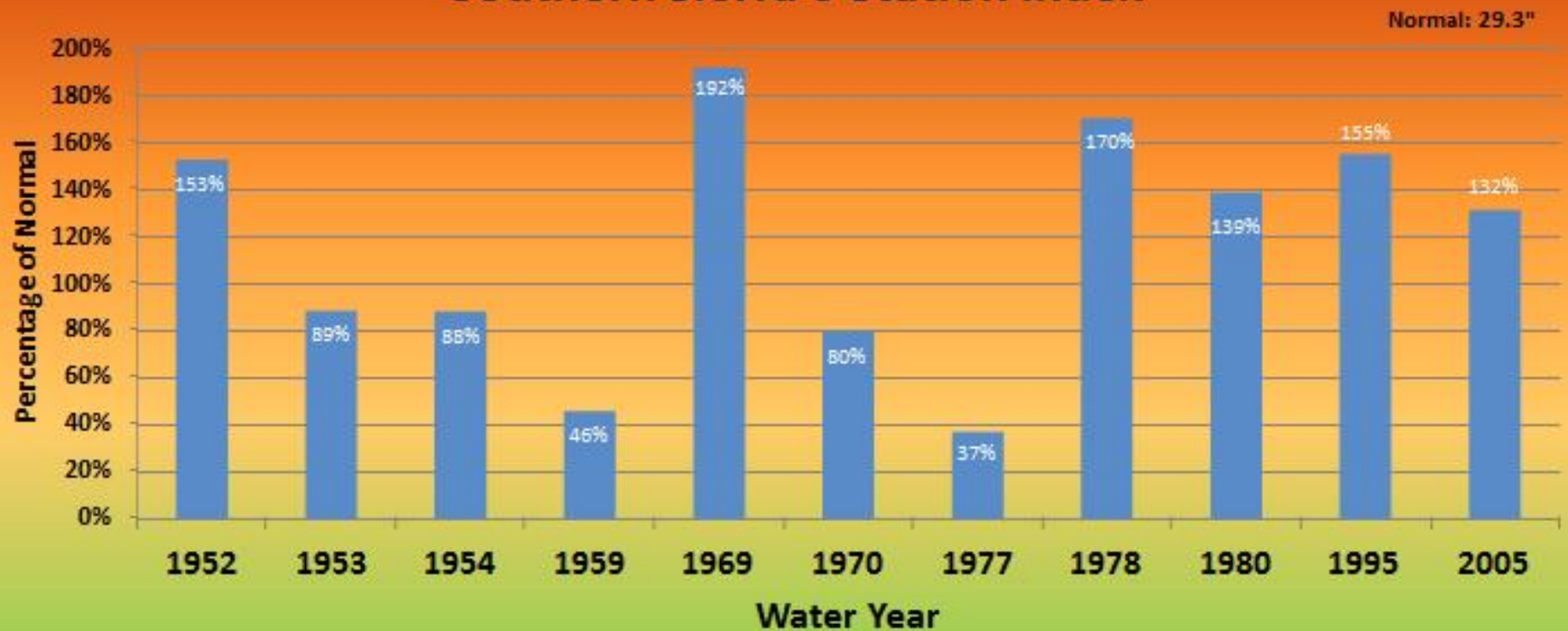
% of Normal Precip

Moderate El Niño Percentage of Normal Precipitation Southern Sierra 6 Station Index



% of Normal Precip

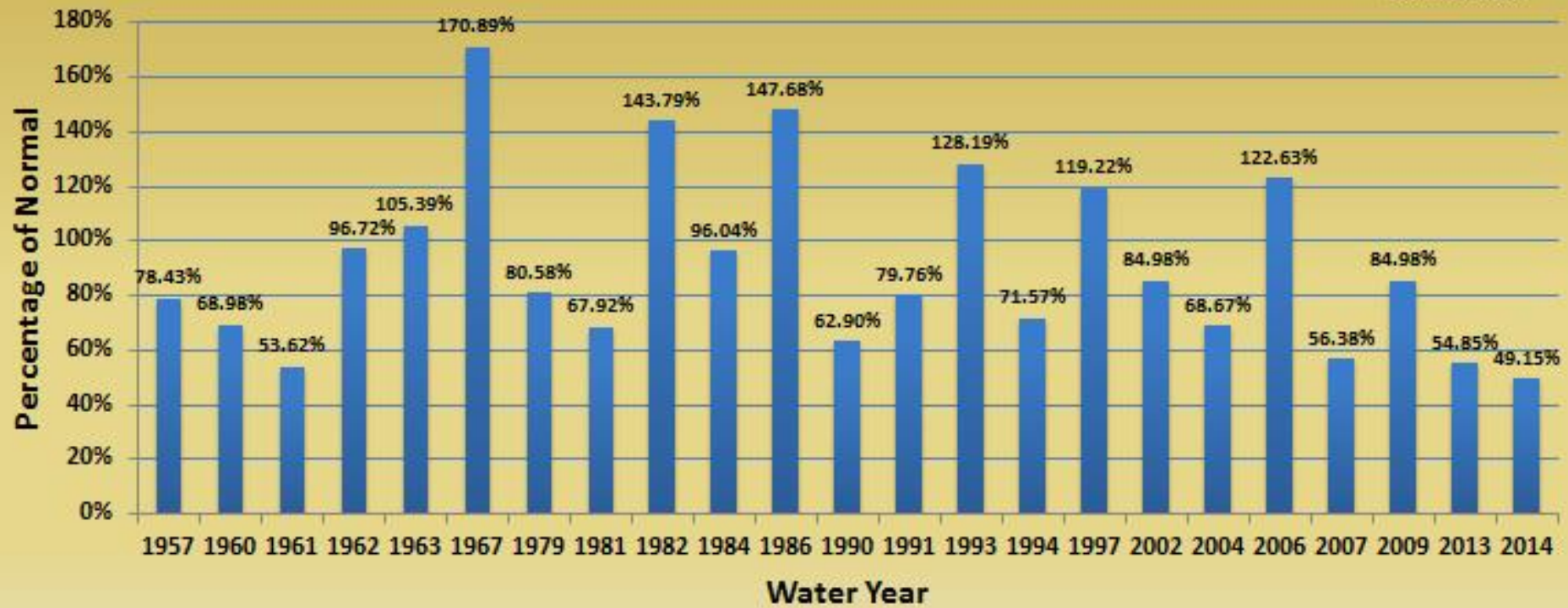
Weak El Niño Percentage of Normal Precipitation Southern Sierra 6 Station Index



% of Normal Precip

Neutral Percentage of Normal Precipitation Southern Sierra 6 Station Index

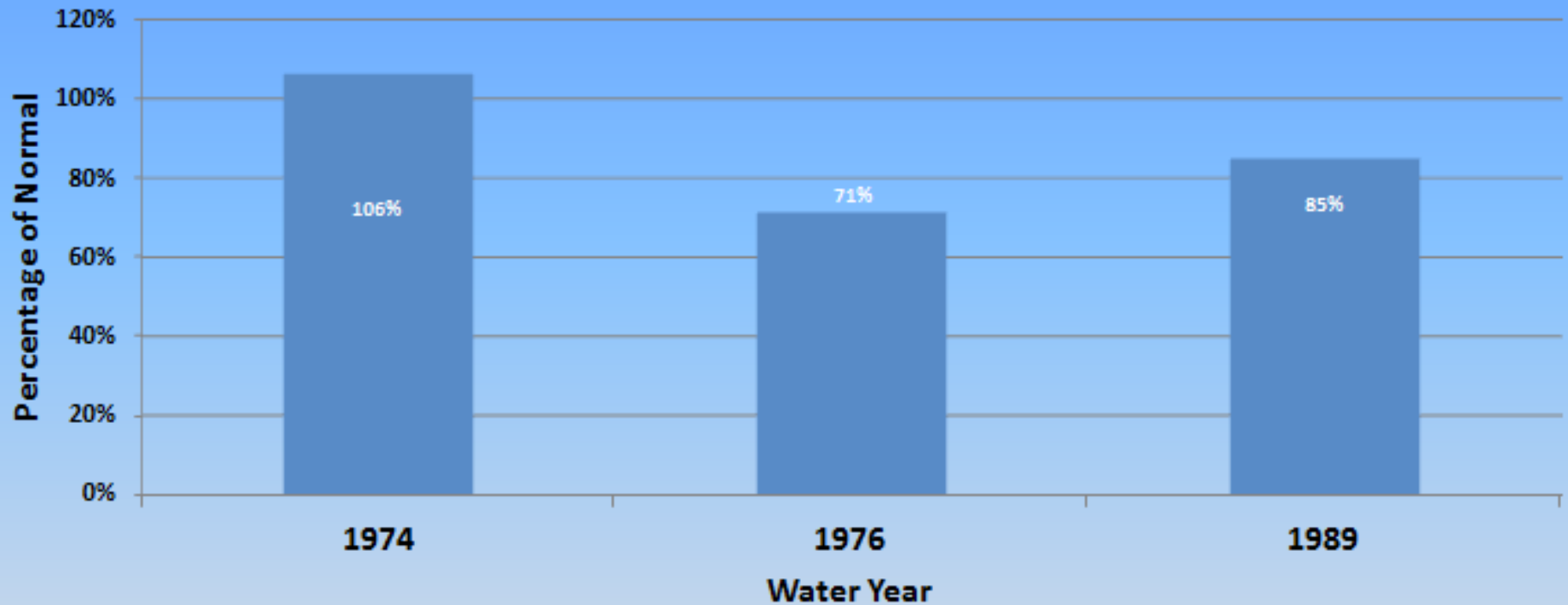
Normal: 29.3"



% of Normal Precip

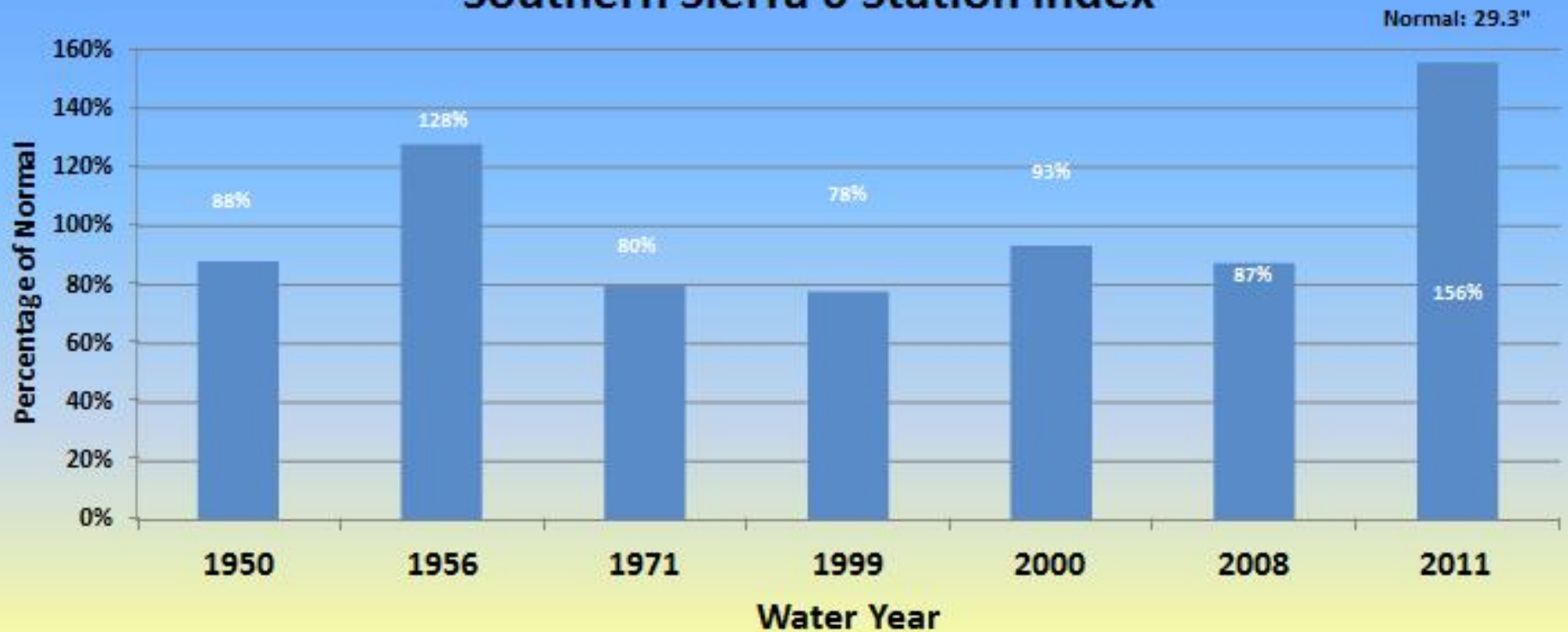
Strong La Niña Percentage of Normal Precipitation Southern Sierra 6 Station Index

Normal: 29.3"



% of Normal Precip

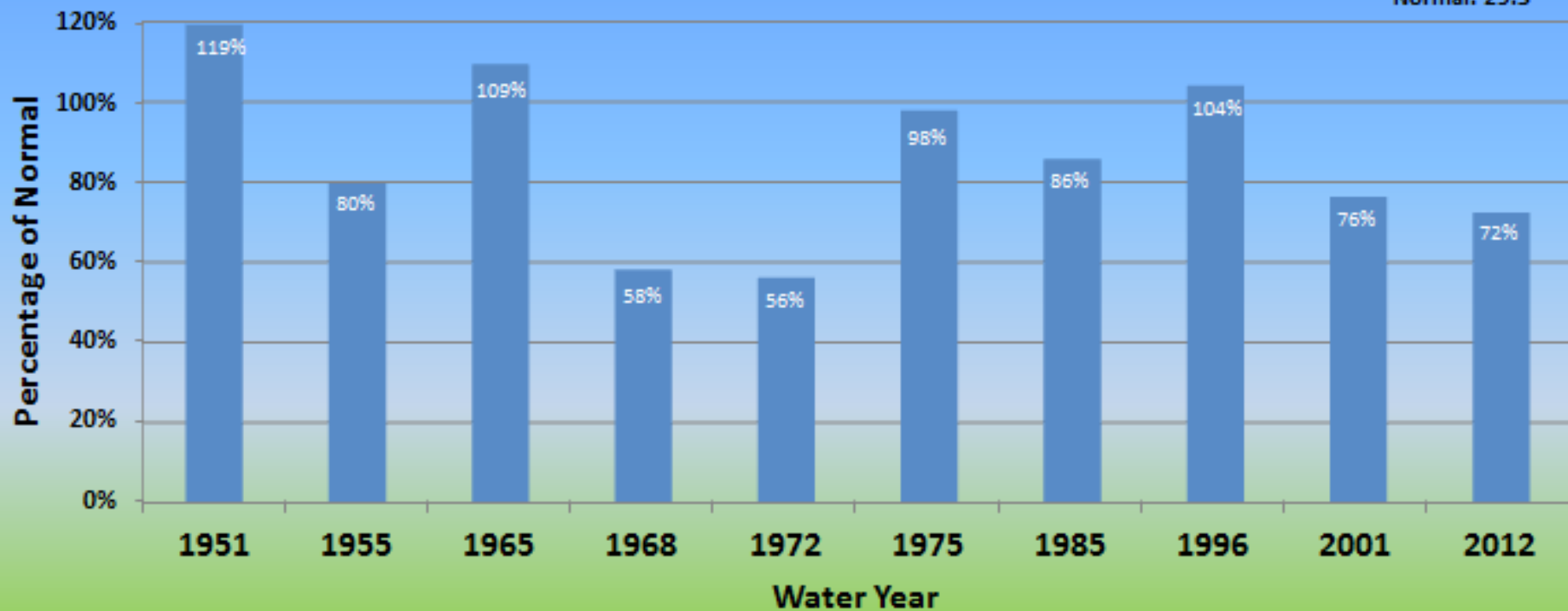
Moderate La Niña Percentage of Normal Precipitation Southern Sierra 6 Station Index



% of Normal Precip

Weak La Niña Percentage of Normal Precipitation Southern Sierra 6 Station Index

Normal: 29.3"



Summary Stats

8/20/2015

ENSO Event Occurrences		
Total # of Events 1950-2014		65
Strong El Nino	SE	6
Moderate El Nino	ME	5
Weak El Nino	WE	11
Neutral	Neutral	23
Weak La Nina	WL	10
Moderate La Nina	ML	7
Strong La Nina	SL	3

Northern Sierra 8 Station Index
WY ENSO Type vs Above Normal Precip

As of 8/20/2015		Northern Sierra 8 Station Index	
ENSO Type	# of Events	# Above Normal Precip	% Above Normal Precip
Strong El Nino	6	4	67%
Moderate El Nino	5	2	40%
Weak El Nino	11	9	82%
Neutral	23	8	35%
Weak La Nina	10	3	30%
Moderate La Nina	7	5	71%
Strong La Nina	3	2	67%
Total Record	65		

Central Sierra 5 Station Index
WY ENSO Type vs Above Normal Precip

8/20/2015		Central Sierra 5 Station Index	
ENSO Type	# of Events	# Above Normal Precip	% Above Normal Precip
Strong El Nino	6	3	50%
Moderate El Nino	5	1	20%
Weak El Nino	11	6	55%
Neutral	23	8	35%
Weak La Nina	10	4	40%
Moderate La Nina	7	3	43%
Strong La Nina	3	1	33%
Total Record	65		

Southern Sierra 6 Station Index
WY ENSO Type vs Above Normal Precip

As of 8/20/2015		Southern Sierra 6 Station Index	
ENSO Type	# of Events	# Above Normal Precip	% Above Normal Precip
Strong El Nino	6	4	67%
Moderate El Nino	5	2	40%
Weak El Nino	11	6	55%
Neutral	23	7	30%
Weak La Nina	10	3	30%
Moderate La Nina	7	2	29%
Strong La Nina	3	1	33%
Total Record	65		